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ASHEVILLE SEED COMPANY

ASHEVILLE, N. C.

Annual Catalogue, 1922

NORTH CAROLINA STATE DEPARTMENT OF AGRICULTURE
DIVISION OF BOTANY

Asheville Seed Co.,
Asheville, N. C.

Raleigh, 9-13-1921.

Gentlemen:

We wish to congratulate you on the high standard you have set for your business career as seedsmen. If all seed dealers would set similar standards and stick to them there would be a tremendous advance in the seed trade in this State.

Yours truly,
(Signed) JAMES L. BURGESS,
Botanist in Charge.

NORTH CAROLINA STATE DEPARTMENT OF AGRICULTURE
DIVISION OF BOTANY

Asheville Seed Co.,
Asheville, N. C.

Raleigh, 9-21-1921.

Gentlemen:

We note with pleasure that you are sending us a large number of samples of seed to be tested before purchase is made. This practice will, of course, enable you to avoid the purchase of inferior goods and to keep your stock up to any standard you may set. It is the occasional purchase and sale of an inferior lot of seed that wrecks the farmers's confidence in a seed house; and our laboratory is at all times at the disposal of our State seed dealers to prevent the occurrence of just this kind of thing.

We are glad that you are pleased with the operation of the N. C. State Seed Law; also that you are satisfied with the results obtained in our Seed Laboratory.

Our seed laboratory, under the direction and control of Mr. Burgess, our botanist, has been brought to a very high degree of efficiency, comparative and competitive tests having placed it alongside of the very best seed laboratories in the United States.

Yours truly,
(Signed) W. A. GRAHAM,
Commissioner of Agriculture.

CO-OPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
STATE OF NORTH CAROLINA

Asheville, N. C., September 20, 1921.

To Whom It May Concern:

I am personally acquainted with the men in charge of the Asheville Seed Company, and find them to be men of integrity and the very highest type of gentlemen. I have inspected their seeds in stock, and have been brought directly in contact with many of their customers, all of which has been entirely satisfactory. If every Seed Company had a vision and would refuse to handle anything but the highest quality of seed, as the Asheville Seed Company is doing, our future crop yields would be greatly increased.

Very truly yours,
(Signed) C. C. PROFFIT,
County Agent, Buncombe County.

CO-OPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
STATE OF NORTH CAROLINA

Rutherfordton, N. C., October 17, 1921.

The Asheville Seed Co.,
Asheville, N. C.

Dear Sirs:

As you know I have ordered for the members of the Farm Bureau of this county a large quantity of alfalfa, clover, and vetch seed, also some pasture and lawn mixtures this fall, and in every case they have been perfectly satisfactory. This is something that I think a seed house should be commended for.

I wish to thank you for your courteous business dealings and assure you that I will recommend your seed on their merits already shown in this county.

Yours very truly,
(Signed) L. D. THRASH,
County Agent, Rutherford County.

THE WILLIAM BYRD PRESS, INC.
HORTICULTURAL PRINTERS
RICHMOND, VA.

ASHEVILLE SEED COMPANY

Cor. College & Lexington Ave., Asheville, N. C.

IMPORTERS OF DUTCH AND FRENCH BULBS

Tulips, Hyacinths, Narcissus or Daffodils, Crocus, etc., are planted in the fall, but do not bloom until spring; many people forget to order and plant them until spring comes, and their neighbors' flowers are a belated reminder.

HYACINTHS

The Hyacinth is so well and so favorably known that it is unnecessary to give any detailed description of its broad spike or truss. We are all acquainted with the snowlike texture, the delicate and rich coloring, and the individual sweet-scent of this exquisite flower of Holland.

Hyacinths are indispensable for winter forcing, in pots or hyacinth glasses, and for bedding they command a popular favor accredited to no other flowering bulbs.

SINGLE DUTCH HYACINTHS

L'INNOCENCE—Pure white, excellent for potting.
GRANDEUR A MERVILLE—White, for bedding.
KING OF BLUES—Dark blue, very early, for bedding.
LA GRANDESSE—White shaded rose, very large spike.
QUEEN OF BLUES—Light blue, beautiful spike.
GRAND MAITRE—Dark porcelain blue.
GERTRUDE—Rose pink, best variety for potting.
LA VICTORIA—Exquisite red.
GIGANTEA—Pale pink, good spike.
LADY DERBY—Delicate pink.
YELLOW HAMMER—Deep yellow.

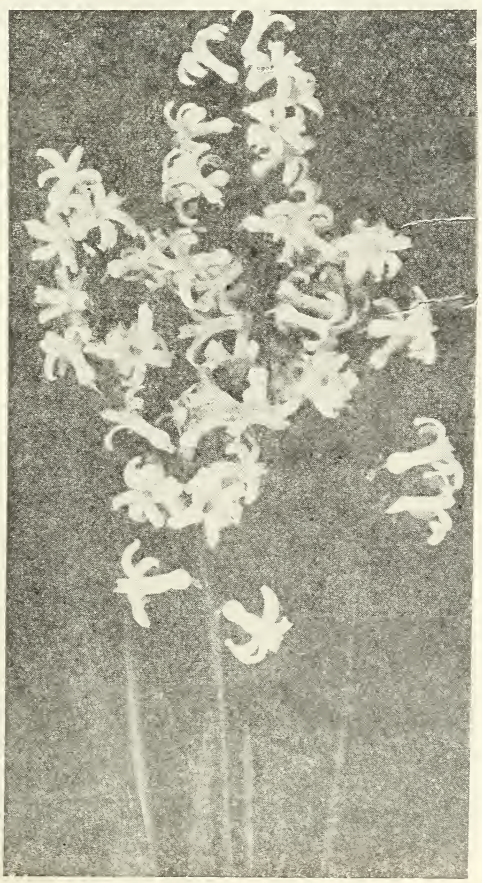
We offer two sizes of hyacinths in the above named varieties—"Exhibition" which is a superior type used chiefly for potting, and "Bedding" size which is particularly adapted for outdoor bedding. The named varieties listed above produce superior blooms; we have therefore discontinued handling the lower priced bulbs, such as plain colors and small named hyacinths.

Price—"Exhibition" Hyacinths, each 15c
Per dozen ..... $ 1.65
Per hundred 12.00
"Bedding" Hyacinth, each 10c
Per dozen ..... $ 1.00
Per hundred 8.00

EARLY ROMAN OR MINIATURE HYACINTHS

Roman or Miniature Hyacinths are easily forced in pots, pans or boxes. They are very desirable on account of their earliness and profusion of bloom. If potted in October they will bloom the latter part of December.

Price—Large Size Bulbs, each 10c
Per dozen $1.00
Per hundred 7.00



ROMAN OR MINIATURE HYACINTH

TRUMPET NARCISSUS

PAPER WHITE NARCISSUS

NARCISSUS DAFFODILS

Narcissus or Daffodils may be grown in garden beds, in herbaceous borders or in out-lying portions of the lawn. They bloom in March. As cut flowers Narcissus are especially useful, being of lasting quality. The bulbs may be left undisturbed in the beds for several years.

EMPEROR — Flower richest yellow, trumpet immense.

EMPRESS — A rare beauty, perianth white, trumpet rich yellow.

GOLDEN SPUR—One grandest yellow daffodil, unsurpassed for bedding or pots.

TRUMPET MAJOR — Large rich yellow flower, excellent for forcing or bedding.

VICTORIA—A bi-color famous for large and durable flowers, perianth large and of creamy white color.

DOUBLE VON SION—Rich golden and yellow perianth. The old fashion "Double Daffodil."

POETICUS ORNATUS — "Poet Narcissus", splendid large white flowers with saffron cup.

Mother Bulbs, doz._____$1.15
Per hundred _____ 7.50
Mammoth Bulbs, doz.__ 1.00
Per hundred _____ 7.00

PAPER WHITE NARCISSUS

These beautiful and fragrant flowers are grown in pots or in water and rocks. The tall spikes of bloom bear from six to twelve pure white flowers each within six or eight weeks after planting. Our large flowering type of Paper White Narcissus has no superior in quality of the bloom. We recommend the mammoth bulbs.

Large Flowering, each__ 5c
Per doz. _____ 50c
Per hundred _____$4.00

PAPER YELLOW NARCISSUS

Same as the Paper White except they have a beautiful yellow bloom.

Each _____ 10c
Per doz. _____$1.00
Per hundred _____ 7.50

CHINESE SACRED LILY

CHINESE SACRED LILY

This variety of Narcissus does well potted or grown in bowls of rocks and water. A profusion of waxy white and very fragrant flowers appear six weeks after planting.

Mammoth Bulbs, each 20c
Per dozen $1.85

JONQUILS

Much prized for their deliciously scented small golden flowers, perfectly hardy for bedding, also adapted for potting.

Each 5c
Per dozen 50c
Per hundred $3.50

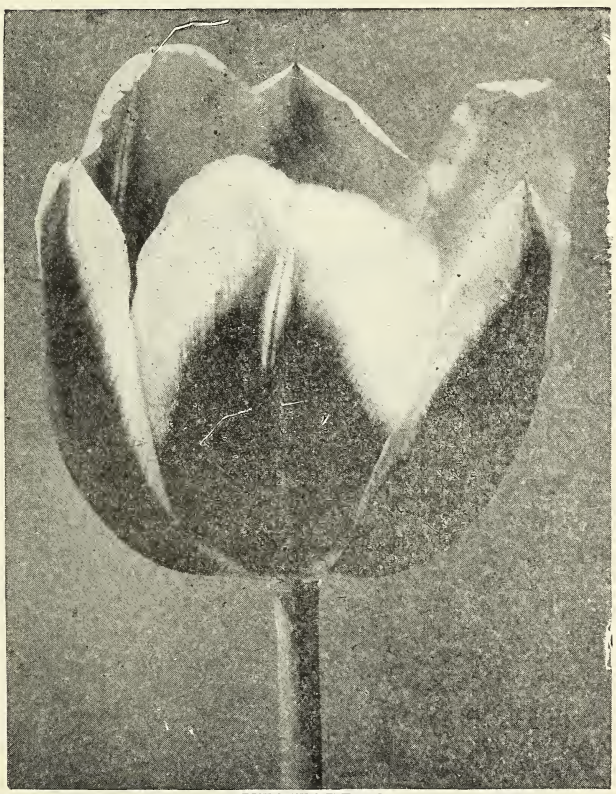
LILY OF THE VALLEY

Beautiful white, sweet scented flower, best adapted for bedding.

Each Pip 10c
Per dozen $1.00
Per hundred 7.00

TULIPS

Potted specimens of three or more tulips to a pot make very striking house decorations and as such largely used, but their brilliancy and splendor appear to fullest value when massed in generous beds or borders, and given the greensward of the outdoors for a setting.



KEIZERKROON

SINGLE EARLY TULIPS

LAREINE — White, faintly flushed with rose. Per doz. 50c
Per hundred $3.75

ARTUS—Bright scarlet, fine bold flowers.
Per doz. 50c
Per hundred $3.75

YELLOW PRINCE—Rich yellow, popular bedder. Per doz. 50c
Per hundred $3.75

COTTAGE MAID — Carmine pink, center of petals feathered white. Per doz. 60c
Per hundred $4.00

KEIZERKROON — Rich red with golden border. Per doz. 50c
Per hundred $3.75

LADY BOREEL—Large, pure white. Per doz. 65c
Per hundred $4.50

CRAMOISIE BRILLIANTE — Extra red.
Per doz. 60c
Per hundred $4.00

EARLY DOUBLE TULIPS

COURONNE D'OR—Rich yellow, splashed with orange and red. Per doz. 60c
Per hundred $4.00

MURILLO — White and light rose pink, flushed and streaked. Per doz. 60c
Per hundred $4.00

RUBRA MAXIMA—Large crimson scarlet flower of perfect double form.
Per doz. 60c
Per hundred $4.00

SNOWBALL—Snow white, similar to double peony. Per doz. 60c
Per hundred $4.00

GIANT DARWIN TULIPS

CLARA BUTT — A large flower of remarkable beauty, soft salmon pink, shaded rose.
Per doz. ---------- 60c
Per hundred ----------$4.00

PRIDE OF HARLEM—Flower of immense size, brilliant salmon, rose shaded scarlet.
Per doz. ---------- 70c
Per hundred ----------$5.00

BARTIGON—Brilliant red. Per doz.-------- 75c
Per hundred ----------$5.50

FRA ANGELICO—Black, very early.
Per doz. ---------- 70c
Per hundred ----------$5.00

WHITE QUEEN — Lovely soft white, slightly tinged blush. Per doz.---------- 60c
Per hundred ----------$4.00

DREAM—Large cup shaped flower of heliotrope with silvery lilac margin. Per doz.------- 70c
Per hundred ----------$5.00

CHOICE MIXED DARWINS—All colors.
Per doz. ---------- 40c
Per hundred ----------$3.25

SINGLE LATE FLOWERING TULIPS

PICOTEE — White with fine deep rose margin.
Per doz. ---------- 50c
Per hundred ----------$3.75

BOUTON D'OR—Pure gold. Per doz.-------- 50c
Per hundred ----------$3.75

FAIRY QUEEN — Rosy helliotrope with yellow margin. Per doz.---------- 50c
Per hundred ----------$3.75

THE FAWN—Rose fawn, blush roses and white.
Per doz. ---------- 50c
Per hundred ----------$3.75

FREESIA

One of the most popular and easily grown winter blooming bulbs. The flowers are white and have a delightful fragrance.
Mammoth Bulbs, per doz.----------50c

LILY BULBS

	Each	Doz.
CALLA LILIES—White	25c	$2.50
MADONNA LILIES	20c	2.25

CROCUS

	Doz.	100
BARON VON BRUNOW—Dark Blue	25c	$1.75
CLOTH OF GOLD—Yellow	25c	1.75
SIR WALTER SCOTT — White and blue striped	25c	1.75
KING OF THE WHITES—Pure white	25c	1.75
CHOICE MIXED	20c	1.50

OXALIS

White, pink, lavender and yellow. Per doz.--30c
Per hundred ----------$2.25

PREPARED BULB FIBRE

This material has become very popular for growing bulbs in and is especially adapted for use in the home, being clean, odorless.

It contains all the necessary plant food for almost all kinds of bulbous plants.
Price----------lb. 25c; 5 lbs. 85c

SPECIAL FLOWER FERTILIZER

Our special flower fertilizer when mixed with dirt, makes a complete plant food for all bulbous plants and flowers.

Lb. 15c; 10 lbs. $1.00; 25 lbs. $2.00

FLOWER SEED FOR FALL PLANTING

Aquilegia, Columbine, pkt.---------- 5c
Allyssum, Sweet, pkt.---------- 5c
Anemone, Coronia, pkt.----------10c
Daisy, Double, pkt.----------10c
Digitalis, Fox Glove, pkt.----------10c
Gaillardia, Blaknet Flower, pkt.----------10c
Hollyhocks, Double, Mixed, pkt.----------10c
Larkspur, Perennial, pkt.----------10c
Pinks, Perennial, pkt.----------10c
Sweet William, pkt.---------- 5c

GIANT PANSIES

Our giant flowering pansies come from one of the world's famous growers. The flowers of largest size and richest colors.

Small pkt. 10c; large pkt. 25c

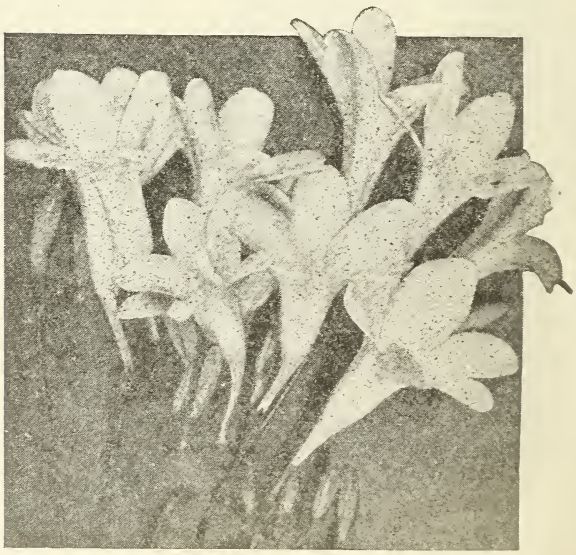
SUPERB SPENCER SWEET PEAS

One Ounce Sows 25 Feet

Sweet peas planted during October always bloom two or three weeks earlier than those planted in the spring.

Superb Spencers or Orchid Flowering:
Price----------pkt. 10c; oz 35c; ¼ lb. $1.00

Spencer Named Varieties (any colors):
Price----------pkt. 15c; oz. 45c; ¼ lb. $1.50



FREESIA

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ORDER SHEET FOR SEEDS, ETC.

—FOR—

ASHEVILLE SEED CO.

ASHEVILLE, N. C.

Date.....19....

Please Do Not Write Here

Date Received.....

Date Filled.....

Filled by.....

Shipped By.....

Order No.....

PLEASE FILL IN THESE BLANKS PLAINLY

Dear Sirs:—

Please send the following Seeds, etc., by.....
(State here if wanted by Mail, Express or Freight)

Name.....P. O. Box.....

Post Office.....R. F. D.....

County..... State.....

Express or Freight Office.....
(If different from Post Office)

Amount Enclosed

Check.....

P. O. Money Order.....

Exp. Money Order.....

Cash.....

Stamps.....

ABOUT PRICES:—We pay postage on PACKETS, OUNCES, AND QUARTER POUNDS; all prices in this Catalogue, excepting where otherwise noted, are based on customers paying Express or Freight.

QUANTITY	ARTICLES WANTED	PRICE	
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.....	**Amount Carried Forward**		

PLEASE TEAR OUT ORDER SHEET WHERE PERFORATED

EXTRA ORDER SHEETS AND RETURN ENVELOPES FURNISHED ON REQUEST

QUANTITY	ARTICLES WANTED	PRICE	
	Amount Brought Forward		

By carefully checking this list before sending your order, a great saving may be made in transportation cost, and you may also find that an important and an immediate necessity has been omitted.

Garden Seed	**Lawn Seed**	**Insecticides**	**Sprayers**
Flower Seed	**Bulbs**	**Fungicides**	**Garden Tools**
Field Seed	**Fertilizers**	**Dusting Materials**	**Lawn Tools**
Poultry Supplies	**Incubators**	**Feeds, Etc.**	

Kindly list below the names of any friends whom you think interested in receiving our catalogue.

NAME	POST OFFICE	STATE	R. F. D.	P. O. BOX

TO OUR MANY FRIENDS AND PATRONS:

It is with pleasure that we present our Annual Seed Catalogue. In doing so we take this opportunity of thanking our patrons for past favors and their many letters of appreciation. We sincerely hope for a continuation of this patronage, which will receive our usual prompt attention.

During the past six years our business has grown so rapidly that we were hardly able to cope with the demand of last Spring. We had purchased an enormous stock and yet it was necessary for us to purchase several additional cars of seed to meet the demand. We were thus able to fill all orders to the complete satisfaction of our customers.

Before putting our seeds on the market, they are thoroughly tested for purity and germination and we do not offer any seeds that do not come up to the State requirements. Of course, we cannot guarantee you a crop, for we cannot be there to plant or attend them and weather conditions sometimes positively prevent a stand. You can take our seeds home, examine them, test them, and call in your county agent and if you feel that you have not gotten your money's worth, or our seeds are not as represented, return them at once and we will refund the amount you paid for them.

It must be distinctly understood that all our seeds are sold under the conditions in regard to non-warranty of seeds, which have been generally adopted by the seed trade, which are as follows:

We give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Yours respectfully,

ASHEVILLE SEED COMPANY.

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Monthly Calendar for Farmer and Gardener

JANUARY—Vegetables—During this month little can be put in open ground except Asparagus, Rhubarb and Horse Radish Roots. Prepare hot beds and sow Early Cabbage, Lettuce, Radish, Beet, Cauliflower and Onion.

Flowers—Sow in open ground Sweet Peas (see directions for planting in this Catalogue); sow in hot beds, pansy, daisy, verbena, asters, and other flower seeds for later transplanting.

Farm—If weather permits, prepare the soil for crops to be put in in the spring. Top dress fall sown grain, grass and clover fields.

FEBRUARY—Vegetables—Sow in hot beds early cabbage, cauliflower, lettuce, onion, beets, and the middle or the last of the month in hot beds, tomatoes, egg plant and pepper. The last of this month sow in open ground early English peas, spring kale, beets, spinach, carrots, radish and parsley. Set out asparagus, horse radish and rhubarb roots, onion sets and hardy lettuce plants; also early planting of Irish potatoes can be made.

Flower.—Sow in open ground sweet peas (see directions in this book), in hot beds, boxes or pots inside; flower seed to be transplanted later. **Sow the Grove Park Lawn Grass Seed, for making or repairing lawns.**

Farm—Sow now Canada field peas and seed oats; also dwarf Essex rape an excellent quick deep grazing for sheep, hogs and poultry. From the middle to the last of this month grasses and clovers can safely be sown.

MARCH—Vegetables—This should be an active month with all vegetable growers. Sow in open ground garden peas for succession, early cabbage, cauliflower, spinach, kale, mustard, lettuce, beets, carrots, parsnips, salsify, early turnips, corn salad, rhubarb roots, asparagus and horse radish roots. Set out cabbage, cauliflower, lettuce and other plants that you have had in hot beds after hardening them by leaving the glass open at night. Pick a warm corner and sow herb seed.

Flowers—Sow in open ground sweet peas (see directions for planting). The hardy kind of flower seed, as they will bloom earlier. The last of this month set out tube rose, gladiolus, cannas and dahlia roots. **Sow Grove Park Mixed Lawn Grass Seed.**

Farm—Sow clovers and grasses of all kinds, winter and spring oats, dwarf Essex rape, Canada field peas, alone and with oats.

APRIL—Vegetables—Plant early garden corn, English peas, snap beans, early Irish potatoes, cabbage, tomatoes and lettuce in open ground for succession. Sow beets, carrots, radish, parsnips, salsify, parsley, celery, early turnips, kohlrabi, collards, corn salad, mustard and kale. Put out onion sets, asparagus roots, rhubarb roots, bed sweet potatoes. The middle to the last of this month plant cucumbers, squash, watermelons and cantaloupes. As all vine seeds are tender, care should be taken not to plant during cold, wet season.

Flowers—Sow hardy flower seed; after the middle of the month the half hardy kinds. Set out lily, dahlia, canna, tuberose and gladiolus bulbs, coleus, salvia and other bedding plants. **Sow Grove Park Lawn Grass Seed.**

Farm—Sow clover and grass seeds, spring seed oats early in the month. Later in the month sow mangel wurtzel stock beets, field corn, chufas, peanuts, artichokes, cotton, etc.

MAY—Vegetables—Nearly all tender seeds can be sown this month; also for succession sow carrots, beets, parsley, radish, brussel sprouts, parsnips, salsify. Plant pole and bunch snap and lima beans, garden corn, okra, squash, cucumber, cantaloupe, watermelon and pumpkins. Sow now late cabbage and cauliflower seed to make plants for fall. Set out tomatoes, pepper, egg plants and strawberry plants.

Flowers—Vine seed for shade, all floral bedding plants, tuberose, gladiolus, cannas, dahlias and other bulbs can still be planted out successfully. **Sow Grove Park Lawn Grass Seed.**

Farm—All the sorghums, millets, cow peas, soy or soja beans, velvet beans, peanuts, chufas, field corn, mangel wurzel beets for winter feeding, cotton, etc.

JUNE—Vegetables—Plant collards, okra, bunch and late pole snap and lima beans, black eye, white late peas, cucumbers, squash, turnips, garden corn; for succession, late potatoes, radish and beets. Set out tomatoes, cabbage, egg plants, pepper, cauliflower, celery, sweet potato plants.

Flowers—Nasturtiums and other flower seed for fall and winter use; vine seed for shade; coleus, salvia and other bedding plants.

Farm—Sow German millet, Sudan grass, sorghums, cow peas, soy beans, navy beans, velvet beans. Plant late corn, pumpkins and watermelons.

JULY—Vegetables—Set out cabbage, collard and celery plants for fall and winter use. Plant snap beans for succession, and sugar corn for late roasting ears. Sow rutabagas and early varieties of turnips, lettuce, mustard, collards, kohl-rabi. Plant cucumbers for pickling and table and late potatoes for winter use.

Flowers—Plant nasturtiums for late blooming; keep all plants well watered; use our sprinkler on your lawns.

Farm—Sow crimson clover at the last working of your corn or cotton. Buckwheat can be sown for bees forage, an improver of the soil and grain. Sow cow peas, soy beans and velvet beans; these are improvers of the soi and fine hay crops; also for early hay or fodder sow German millet, Sudan grass and sorghums.

AUGUST—Vegetables—Sow cabbage and lettuce for fall heading, set out cabbage and celery plants; continue planting snap beans for succession. Early English peas planted this month will give a good fall yield. Sow winter varieties radish, turnip, rutabagas, spinach, kale, mustard, endive, collards, parsley and onion seed.

Flowers—Make first planting of pansy and daisy seed. Keep all plants well watered.

Farm—Crimson clover should be sown in every available place. It is a great enricher of the soil, and makes very nutritious feed. Rye and barley should be sown for fall and winter grazing and afterwards will make a crop of grain. Alfalfa can safely be sown. Towards the end of the month sow hairy vetch, dwarf Essex rape, grasses and clovers.

SEPTEMBER—Vegetables—Sow winter radishes, spinach, turnips, mustard, leek, parsley, kale, extra early pearl and other onion sets.

Flowers—Hyacinths, tulips, narcissus and other bulbs can be planted this month; also pansy seed. **Sow Grove Park Mixed Lawn Grass Seed now.**

Farm—Sow all kinds of grasses and clovers and hairy vetch. Crimson clover should by all means be sown, as it makes the fine winter grazing and a great soil improver. Continue to sow winter rye and winter barley for early grazing crops as well as for grain; dwarf Essex rape for sheep and pigs. Winter oats this month get well rooted before spring.

OCTOBER—Vegetables—Sow early sorts of cabbage, turnips, spinach, kale, mustard, collards; set out all varieties of onion sets; strawberry plants.

Flowers—Plant hyacinths, narcisssus, tulips and other bulbs. Sow pansy seed for early spring plants. Fall seeding of a lawn does better than spring. **Sow Grove Park Mixed Lawn Grass Seed,** and fertilize with bone meal and sheep manure.

Farm—This is the month to sow wheat, winter oats, rye, barley, vetch and rape. The earlier you can get in your clovers and grasses the better.

NOVEMBER—Vegetables—Hot beds or cold frames should be made to sow lettuce and early varieties of cabbage; set out onion sets, asparagus roots, rhubarb and horse radish roots, strawberry plants.

Flowers—Hyacinths, tulips and other flowering bulbs should be planted. **The Grove Park Mixed Lawn Grass Seed** can be sown successfully; use bone meal and our pulverized sheep manure as fertilizers for lawns.

Farm—Sow rye on all vacant places; it makes a fine winter cover and grazing crop. Sow wheat, barley vetch, rape and grasses. Canada field peas.

DECEMBER—Vegetables—In hot beds, sow lettuce and cabbage. Beets and radish can be forced in hot beds for winter use as well as lettuce which often proves very profitable. Plant marrow fat peas for market or garden use.

Flowers—The early part of this month hyacinths and other bulbs can still be planted.

Farm—Canada field peas can be sown, but should be sown deeper now. Wheat can still be sown.

Suggestions to Customers As to Ordering

DO NOT DELAY ORDERING until you are ready to use the goods you want. It will prove economical often to anticipate your wants. The loss of time in planting by delays of transportation companies, also advance in prices should show the wise buyer that it is **to his interest to order early.**

SAVE MONEY—When you make out your general list of seed, include insecticides and sprayers; also Fertilizers with your order, thereby you will save extra express charges. Remember, when the bugs or insects appear on your crop, you need insecticide; then delay in getting the remedy and sprayers may cost you ten times the cost of your purchase.

HOW TO SEND AN ORDER—You will find in the front of this book a yellow order sheet, perforated for tearing out; also an addressed envelope to send the order in. When convenient, always use this order sheet. Please do not write anything on the sheet except items wanted and what pertains to the order. Write on separate sheet asking for prices, or questions to be answered, or information given; this will avoid the possibility of being overlooked; also insure quick attention to information asked.

Please be careful to sign your name, post office, county and State on each order and letter sent us.

TERMS—All orders to secure prompt shipment should be accompanied with the cash. We can only send to well-rated merchants, or parties well known to us without the cash with order. When remittance falls short of amount of goods ordered, it is our custom to reduce the quantity sent, instead of delaying order by writing.

HOW TO SEND MONEY—By Postoffice or Express Money Order, Bank Check or Draft, cash by registered letter. We accept clean postage stamps for small amounts the same as cash.

C. O. D. ORDERS must be accompanied by a remittance equal to one-fourth the amount of the order; this insures the express or freight charges in case the goods are not taken when they arrive at destination.

POSTAGE IN SEEDS—We pay the Postage on packets, ounces, and quarter-pound packages.

Parcel Post Rates

POUNDS	LOCAL	First Zone 1 to 50 Miles	Second Zone 50 to 150 Miles	Third Zone 150 to 300 Miles	Fourth Zone 500 to 600 Miles	Fifth Zone 600 to 1,000 Miles
1.....	$.05	$.05	$.05	$.06	$.07	$ .08
2.....	.06	.06	.06	.08	.11	.14
3.....	.06	.07	.07	.10	.15	.20
4.....	.07	.08	.08	.12	.19	.26
5.....	.07	.09	.09	.14	.23	.32
6.....	.08	.10	.10	.16	.27	.38
7.....	.08	.11	.11	.18	.31	.44
8.....	.09	.12	.12	.20	.35	.50
9.....	.09	.13	.13	.22	.39	.56
10.....	.10	.14	.14	.24	.43	.62
11.....	.10	.15	.15	.26	.47	.68
12.....	.11	.16	.16	.28	.51	.74
13.....	.11	.17	.17	.30	.55	.80
14.....	.12	.18	.18	.32	.59	.86
15.....	.12	.19	.19	.34	.63	.92
16.....	.13	.20	.20	.36	.67	.98
17.....	.13	.21	.21	.28	.71	1.04
18.....	.14	.22	.22	.40	.75	1.10
19.....	.14	.23	.23	.42	.79	1.16
20.....	.15	.24	.24	.44	.83	1.22

IN LARGE QUANTITIES, see Parcel Post Rates in table given on this page.

PARCELS POST RATES ON MERCHANDISE AND SEEDS—Seed rate, 2 ozs. for one cent up to 8 ozs. Above 8 ozs. the local and zone Parcels Post rates are applied.

IMPORTANT NOTICE—All shipments of plants, bulbs and perishable stock are made at buyers' risk only. Under no circumstances will we ship perishable goods C. O. D. Cash must accompany orders. If such goods arrive in bad condition, accept same from the transportation company and make claim for the loss. We will be glad to assist you in any way to collect the loss.

TRANSPORTATION CHARGES—Please bear in mind that we do not pay the parcel post, express or freight charges on pecks or bushels, nor on grass seeds, field seeds, poultry supplies or hardware, except where we so state on the pages where the goods are priced.

PRICES OF GRASS AND CLOVER SEEDS. SEED GRAIN and other field seeds are constantly fluctuating and are subject to market changes. The prices given in this Catalogue are those ruling at the time it is issued—about the first of January. As far as possible we will fill in full all orders for seeds that are quoted subject to variation in price, but if market values will not permit this, we will send all that money remitted will pay for.

Please Address All Orders and Correspondence to this Company to

ASHEVILLE SEED COMPANY

ASHEVILLE, NORTH CAROLINA

NORTH CAROLINA DEPARTMENT OF AGRICULTURE, LICENSE NUMBER 296

High Quality Vegetable Seeds

Asparagus

Asparagus.

Asparagus grows well in practically any good soil, but a well enriched, deeply pulverized, sandy loam brings the best results. It may be grown from seeds or roots; by planting roots 1 or 2 years may be saved. A well cared for Asparagus bed improves with age and yields the first green delicacy for the table in large quantities each year. The home gardener should not be without a bed of this most delicious vegetable.

Root Culture—The home gardener will find growing Asparagus from roots much easier, and cuttings may be had at least a year sooner. Prepare trenches 3 ft. apart and about 18 inches deep; fill with a liberal quantity of well rotted manure; after covering the manure with a few inches of dirt, set the plants 1½ feet apart in each trench; a 4-inch covering of good soil is then added. Do not exhaust the plants by cutting too late, especially the first bearing season.

100 roots plant 15 ft. by 20 ft.

Culture of Seed—Sow the seed thinly in rows 1 foot apart in April or May. To secure strong healthy plants keep down all weeds and thin the poorest seedlings to 3 inches apart in each row. The roots may be dug either the first or second year in the fall after the plants die, and set either in the fall or spring, as described under "Root Culture."

PALMETTO ASPARAGUS—It is truly a very superior strain of Asparagus, being a more continuous and earlier bearer of uniformly large, thick, green shoots with a distinctly pointed tip. It is delicious in flavor, extremely tender, and an abundant yielder. Palmetto is well adapted for all sections of the country.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

BARR'S MAMMOTH ASPARAGUS—The large stalks of Barr's Mammoth are sometimes an inch in diameter, and retain their thickness completely to the top and have close round heads. It is extremely hardy, quick growing, sweet and tender.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Price of roots given below in schedule.

CONOVER'S COLOSSAL—This variety is identical with the famous giant Argenteuil of France. It is a large stalked strain which has met with special favor on account of its thick, green stalks of excellent flavor and tenderness.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Two-year-old Asparagus Roots will bear the first year; set in fall or spring.

Price list Asparagus Roots.

Palmetto, Barr's Mammoth, or Conover's Colossal.

Postpaid—50 for 85c; 100 for $1.50.

Express—50 for 75c; 100 for $1.35; 1,000 for $11.00.

Asparagus Knives

Fifteen inches long; blade 1½ inches wide, 75c each. If by mail, postpaid, 80c each.

Green Globe Artichoke Seed

The Green Globe Artichoke is cultivated for its flower heads, which are cooked like Asparagus. Sow the seed in hot beds during February and transplant in May into rows three feet apart and two feet in the rows. The seeds may be sown in the open during the month of April, and then the stand thinned. Artichoke requires a deep, rich, sandy loam with plenty of well rotted manure. When cold weather comes protect the plants with a heavy covering of leaves or manure. If properly cared for, the plants will bear for several years. An ounce plants 40 feet of drill.

Postpaid—Pkt. 10c; oz. 75c; ¼ lb. $2.50.

Broccoli

Brocolli is hardier and easier to grow than Cauliflower. It is a delicious vegetable for boiling, and is largely used for pickling. Cultivate like cabbage, setting the plants during June in rich soil. One ounce of seed produces 2,000 plants.

PURPLE CAPE—An excellent large-headed variety.

Postpaid—Pkt. 5c; oz. 40c; ¼ lb. $1.50; lb. $5.00

Brussels Sprouts

Brussels Sprouts.

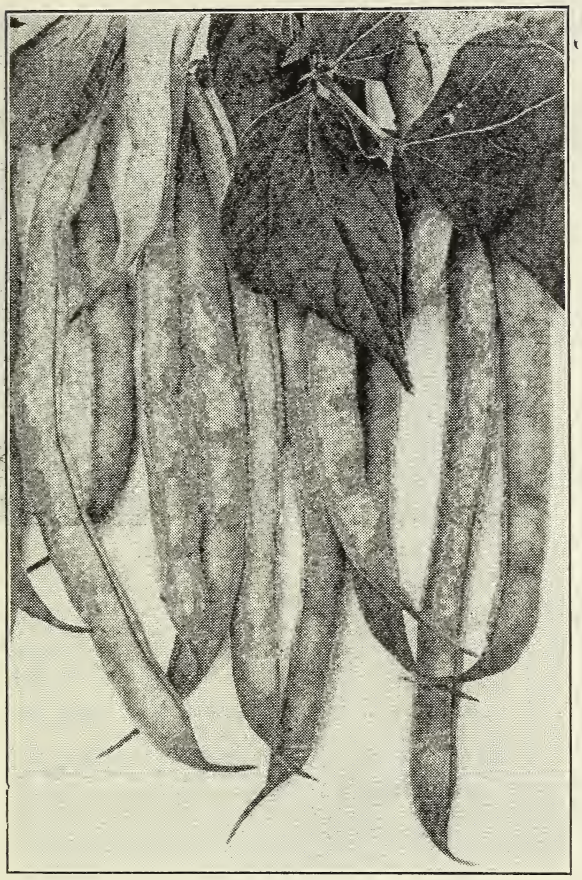
The sprouts resemble miniature cabbage, growing closely to stalk of the plant, being produced in abundance from the tip to the ground. Are extremely hardy and live through the winter without protection, frost improving the quality and flavor of the sprouts which are highly esteemed for boiling during late fall and winter months. Sow seed during May in drills; when plants are 6 inches high, transplant into rows 3 feet apart and 18 inches apart in the row, and cultivate like cabbage.

PERFECTION—Plants 2 feet tall, and stem thickly set with sprouts 2 inches in diameter and of excellent quality.

Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 70c; lb. $2.50.

When ordering your garden seed, be sure to order the fertilizer best adapted for your garden. We would suggest that you give the land a good coating of ground limestone to sweeten the soil. See page 49.

Be sure to order your insecticides with your general seed order. By spraying early and often you will save money and your crop. See page 50-51.



Burpee's Stringless Green Pod.

Burpee's Stringless Green Pod

This famous and popular bean is still unequaled as an early stringless green pod variety. It is stringless, ripens earlier than the Valentine, and remains crisp and tender long after maturing. The vines bear long, round, thick and very meaty pods, entirely free from strings. The attractive deep green color and unusual quality of these green pods has placed them in high favor. It has given entire satisfaction everywhere.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.50; 50 lbs. $10.00.

Giant Stringless Green Pod

A very productive, long-podded variety, producing large pods, measuring 5 to 6 inches in length; very tender and absolutely stringless, and of the finest flavor; a splendid variety for the home gardener.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $9.00.

1 lb. equals about 1 pint.
2 lbs. equals about 1 quart.
5 lbs. equals about 2½ quarts.
15 lbs. equals one peck.
60 lbs. equals one bushel.

Dwarf or Bush (Snap) Beans

One pound will plant 60 feet of drill; 100 pounds to an acre in drills.

Culture—Beans are very sensitive to both cold and wet. For the earliest crop, plant just as soon as the weather gets warm—in this section about the first of April. To have a succession, plant every two weeks throughout the summer until the middle of August. The largest returns will result from planting in drills from 2 to 3 feet apart, 3 to 5 inches apart in the row, covering about 2 inches deep; up to the time of blossoming they should have frequent shallow cultivation.

Extra Early Red Valentine

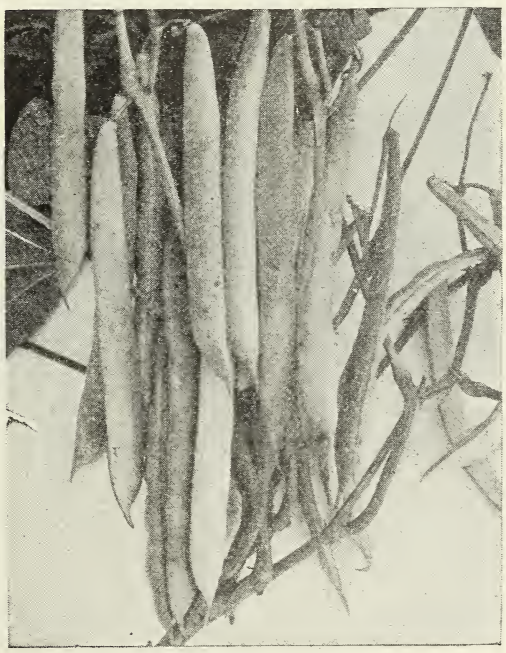
A standard variety, extra early in maturing, and bears pods which are round, long, slightly curved and of excellent quality. The extreme hardiness of this bean accounts for its popularity in this section as the first early bean. The Red Valentine germinates in cold ground when other sorts fail. Our improved strain of this excellent variety has been selected especially for earliness and good quality.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $9.00.

Tennessee Green Pod

This well known variety is almost as early as the Red Valentine. The productive plants bear handsome flat pods of light green color and excellent quality. Unlike most early beans, the quality remains good throughout its bearing season. The hardy and exceedingly prolific tendencies of the Tennessee Green Pod accounts for its popularity as early bunch beans.

Postpaid—Pkt. 10c; ½ lb. 25c; lb. 40c.
Express—Lb. 30c; 10 lbs. $2.50; 50 lbs. $10.00.



Extra Early Red Valentine.

Dwarf or Bush Beans—Continued

Longfellow

The prolific vines of Longfellow bear splendid green string beans. The pods are extra long round, well formed and tender. This medium early variety is unexcelled for the home garden the elegant appearing pods are delicious when cooked.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $9.00.

Black Valentine

Produces an abundant crop of large pods which are straight, almost round and dark green. This is an excellent variety for the market on account of its handsome appearance.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $9.00.

Refugee or 1,000-1

A medium late variety similar to the Valentine in general qualities, with round pods a third longer and tapering to a point.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $9.00.

Bountiful

A "long yellow six weeks" improved by earlier growth, hardiness and more prolific yield. Pods are large, flat, very tender, handsome, and free from strings. This variety may also be grown as a shell bean for winter use.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $9.00.

Long Yellow Six Weeks

An old popular string bean grown for market, since it is such a good shipper. The quality is not so good as some other varieties. The pods are flat and of light green color.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 25c; 10 lbs. $2.00.

Fordhook Favorite Bush

The bushes grow from 18 to 20 inches high, are vigorous, and remarkable for their prolific yield. The thick, round pods are at all stages brittle, juicy, free from tough fiber, entirely stringless.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.50; 50 lbs. $11.00.

Extra Early Refugee Beans.

Shell Beans

These are grown exclusively to be used as shell beans, either green or dried for winter. Plant them in vacant places in your garden; they are always useful.

IMPROVED WHITE KIDNEY—A most excellent white, kidney-shaped field bean.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $9.00.

RED KIDNEY—A vigorous grower and very productive. These large red kidney-shaped beans are extensively used as shell beans.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $9.00.

WHITE NAVY BEAN—it is the most popular bean grown for market, and at the same time one of the most profitable. We strongly recommend planting a larger acreage in this section.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $8.50.

LARGE WHITE MARROW—Large oval-shaped white beans, grown as a field crop for baking.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

Dwarf Golden Wax Beans.

Wax Podded Bush Beans

DAVIS KIDNEY WAX—The vigorous vines are very prolific, bearing waxy white pods 7 inches long; the Davis Kidney Wax is the finest appearing of all early wax beans. The White Kidney shaped beans make splendid shell beans for baking, but when grown for snap beans in the home garden they should be used while young and free from strings.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.00; 50 lbs. $9.00.

DWARF GOLDEN WAX—For a number of years this variety has been popular with the home gardeners. The attractive golden yellow pods are fleshy, semi-round, long, and of fine quality. The matured beans are excellent for winter use as shell beans.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.00; 50 lbs. $9.00.

DWARF BLACK WAX—One of the earliest wax podded varieties. Pods are 4 to 5 inches long; round, meaty, brittle and stringless, golden yellow, of excellent flavor; very prolific.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.00; 50 lbs. $9.00.

Pole or Cornfield Beans

Culture—Pole Beans are not so hardy as bunch beans, and in this latitude plant about the first of May or after the danger from frost is over, in rows 4 feet apart; set poles 6 to 8 feet long, 3 to 4 feet apart in the row; drop 5 to 6 beans 2 inches deep around each pole or hill. These varieties may also be planted in the cornfield to run up the stalk. One pound will plant 100 hills; 30 pounds to acre.

WHITE KENTUCKY WONDER (BURGER'S STRINGLESS GREEN POD)—The pods are borne in clusters, are uniformly straight, meaty, entirely stringless, tender, of mild flavor. The pearly white beans make splendid dry beans.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

KENTUCKY WONDER or OLD HOMESTEAD—The most popular of the pole green-podded snap beans. The long pods, often 9 to 10 inches in length, are borne in large clusters; pods are nearly round, fleshy, stringless and very showy; an early and most prolific variety.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

LAZY WIFE—A superior variety for home gardens. Also as a field bean among corn. Has large, green, very tender pods of delicious flavor. They are broad and thick, and are stringless until quite large. Very desirable for cooking in the pod or as a shell bean. The dried beans are round, pure white.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

STRIPED CREASEBACK POLE OR CORNFIELD—Very early, yet bears for a long season. The rich dark green pods borne in clusters are 6 to 8 inches long, of excellent flavor, tender and stringless. Very popular for growing in corn.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

WHITE CREASEBACK—Extremely early, very productive. Pods are borne in clusters from 4 to 6 inches in length; broad, thick, solid, fleshy and stringless. Well adapted for shipping to distant markets.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.50.

OCTOBER, or HORTICULTURAL (WREN'S EGG, or CRANBERRY)—Pods short, broad, pale green, streaked with bright red as they mature. Beans are large, oval, flesh-colored, splashed and spotted with wine red and of the highest quality, either green or dry. Many like this variety better than the Limas. Especially adapted for mountainous districts, short seasons and cool locations.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

CUT SHORT, or CORN HILL—An old variety, very popular for planting among corn, and it will give a good crop without use of poles; vines medium, pods short, cylindrical and white, covered at one end with reddish brown dots.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

EARLY GOLDEN CLUSTER WAX—The grandest yellow-podded Pole Bean in cultivation. Pods are produced in clusters of from 4 to 6 inches long the entire length of the vines, and are fit for use a long time after reaching maturity.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

All prices in this catalogue are subject to change without notice. Orders will be filled at lowest prevailing price the day received.

Kentucky Wonder Pole Beans.

WHITE DUTCH CASE KNIFE—Green snap pods 7 to 8 inches in length. Very straight and flat, stringy, brittle and of good quality; mid-season, best as a shell bean. Beans very flat and ivory white.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

Select Lima Beans

PLANT MORE LIMA BEANS FOR BOILING, BAKING OR CANNING.

While Lima Beans are rapidly growing in popularity, this excellent table food is still not grown so extensively as it merits. Lima Beans have a rich and delicate flavor that is not found in other types of beans, and for this reason are unexcelled for baking, boiling, or canning. They are largely used as green beans cooked either alone or with sugar corn. As a dried bean they keep as well as other types in any climate and are more nutritious food than the latter.

No Lima Beans should be planted until the ground is warm and all danger of frost is over. The germination of practically all limas is not as high as ordinary beans, hence a liberal planting is necessary and cheaper in the end.

Dwarf or Bush Lima Beans

Bush Limas are planted for early crop, since they come into bearing much sooner than pole varieties. The dwarf varieties are not as prolific as the pole lima beans, but they produce a good crop of equal quality and are not so difficult to grow; always plant the eyes down dropping 3 beans 15 inches apart in rows 3 feet apart. The beans should be covered from 1½ to 2 inches deep. One pound will plant 60 hills, 60 pounds to the acre.

"BURPEE'S IMPROVED BUSH LIMA"—The pods are truly enormous in size, borne abundantly and well-filled with handsome beans which are both larger and thicker than those of the popular Burpee's Bush, and fully 8 days earlier. The bushes when full grown are 30 inches high and 24 inches in diameter. The beautiful pods measure 5 to 6 inches long and are borne in clusters of 4 or 5 pods. The beans are of first quality.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 40c; 10 lbs. $3.50.

FORDHOOK BUSH LIMA—This is without a doubt the best type of bush lima bean in cultivation. It grows upright and does not come in contact with ground. The vigorous plants bear pods in clusters, each pod containing 4 to 5 large, thick beautiful green beans. No other variety can compare in quality with the sweet and tender Fordhook. Matures very early and continues bearing until frost.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 40c; 10 lbs. $3.75.

HENDERSON'S BUSH LIMA—Pods short and flat, delicious flavor. The earliest of bush limas; two weeks earlier than any of the pole varieties. It is small in size, but the great productiveness and delicious flavor of Henderson's Bush Limas has made it a favorite of good housekeepers. An excellent sort for canning.
One pound will plant 100 hills; 30 pounds to the acre.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 35c.
Express—Lb. 30c; 10 lbs. $2.75.

Tall or Pole Lima Beans

Plant 3 or 4 beans to the hills 3 feet apart in 3 or 4 foot rows. It is necessary to provide poles 6 to 8 feet long for each hill. The beans will make a very rapid growth if a small shovel full of well rotted cow manure is added to each hill when the poles are set. All pole limas are exceedingly prolific and are preferred by truck gardeners. One pound will plant 60 hills; 60 pounds to the acre.

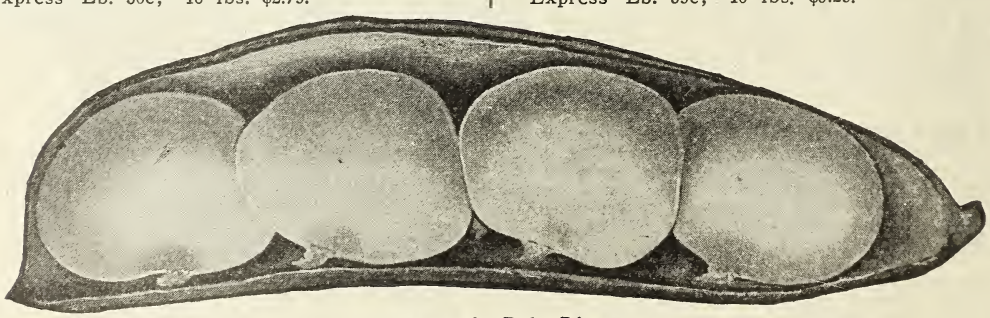
LARGE WHITE POLE LIMA—This old and reliable favorite of both the home and the market gardener is a vigorous grower, sure cropper, and very productive. The flat pods are from 4 to 5 inches long. Our selected stock of this variety is larger and more productive than other strains.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 40c.
Express—Lb. 35c; 10 lbs. $3.25.

KING OF THE GARDEN POLE LIMA—An improved strain of large white, of more prolific character and with larger pods and beans. Large early crops and bears until frost. Only two plants should be allowed to one hill.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 40c; 10 lbs. $3.50.

CARPENTERIA LIMA, LARGE GREEN SEEDED—This is the highest standard in pole lima quality; many expert growers claim that Carpenteria is "the most perfect pole lima bean." The exceptionally fine quality of this strain is shown in the beautiful green tint of the large, handsome beans which fill the rich colored and attractive pods. The velvety green tint remains long after the bean becomes dry, which proves that the exceptional quality endures. Our strain of Carpenteria produces strong vigorous vines which send out many runners to bear great quantities of elegant pods, each containing four large beans. The beans are thin skinned, extremely tender and of fine flavor.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 40c; 10 lbs. $3.50.

FORD'S MAMMOTH PODDED—One of the largest podded and heaviest cropper of all pole limas. The vines are vigorous growers and bear enormous pods filled with four and sometimes five beans of rare flavor and quality. It matures early and bears until frost.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 40c; 10 lbs. $3.50.

CAROLINA SEIVA or SMALL SEEDED POLE LIMA, "The Butter Bean of the South"—These grow quickly, mature early, and are extremely prolific. The beans are small and white, on the order of Henderson's Bush Lima. They make a dried bean of superior merit.
One pound will plant 100 hills; 30 pounds to the acre.
Postpaid—Pkt. 10c; ½ lb. 35c; lb. 40c.
Express—Lb. 35c; 10 lbs. $3.25.



Carpenteria Pole Lima.

Garden or Table Beets

Culture—Beets thrive best in rather light, mellow and deep-worked soil, which has been thoroughly enriched with well-rotted manure or fertilizer, which should be well mixed with the soil. Sow in drills 2 feet apart and thin out the plants to 4 inches apart in the drills. For a small garden the drills need not be more than 12 to 15 inches apart.

One ounce will sow 50 feet of drill, 6 to 8 lbs. to the acre.

EARLY RED BALL BEETS—This variety has proven to be the best deep red turnip beet not only for the market gardener, but for home use. It is also by far the best for canning, making a strikingly handsome product, much superior to that obtained from any other sort. Root globular and very smooth; color of skin dark blood red; flesh deep red, very crisp, tender and sweet, and remaining so for a long time.

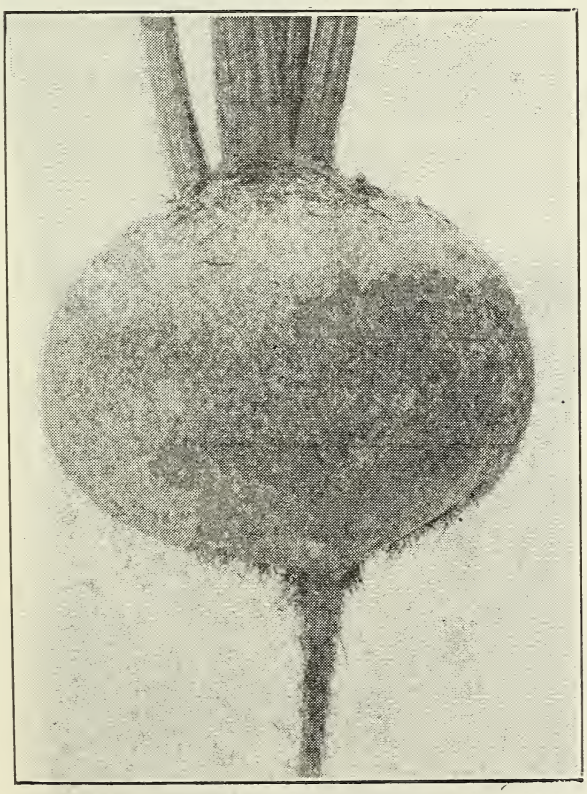
Postpaid—Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. $1.00.

CROSBY'S IMPROVED EGYPTIAN—An improvement on other Egyptian sorts, being as early, and of more desirable shape, color and quality. Is being more largely planted for early market, by truckers and shippers, and has proven very profitable and satisfactory, being very sweet and tender.

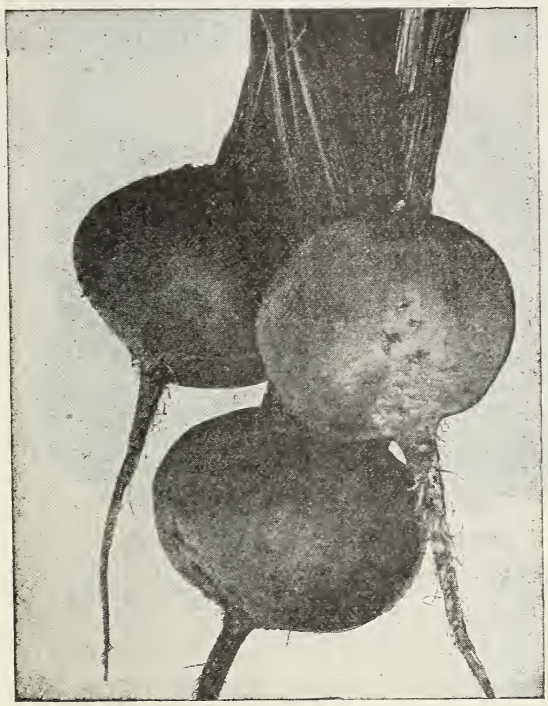
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

DETROIT DARK RED TURNIP—A very fine strain of turnip-shaped beet. Top small, upright growing, thus permitting close planting. Color of skin dark blood red; flesh bright red. Quality is of the very best, sweet, tender and lasting.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.



Detroit Dark Red Beets



Red Ball Beets.

IMPROVED EARLY BLOOD TURNIP—A superior selection of Blood Turnip Beet. dark red, fine flavor. It forms medium-sized, sound, half-flattened bulbs. Good for late or early planting.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

CRIMSON GLOBE—The interior is a rich, deep crimson, and fine grained in texture. The foliage is deep blood red. It is nearly round, of medium size, and does not become coarse at maturity.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

EXTRA EARLY ECLIPSE—A very early maturing Beet, especially desirable for the home garden. Top of medium size. Root nearly globular, with a small tap root and small collar. Flesh bright red, very sweet, crisp and tender.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

BASTAIN'S EARLY BLOOD RED TURNIP—One of largest beets, yet of quick growth and of high table value. Color bright red. Fine for home garden and market.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c.

EDMAND'S BLOOD TURNIP—This beet is an excellent keeper. They are nearly round and smooth. Skin and flesh deep red; crisp and sweet. A desirable sort to plant late for winter use.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

SPINACH BEET, OR SWISS CHARD—The stalks when cooked and served like asparagus make a most delicious salad. The leaves should be prepared like spinach, kale or turnip salad. Sown early in the spring, it yields salad all summer. Grow a row and you will not be without it hereafter

SWISS CHARD LUCULLUS—The stalks are as thick and broad as rhubarb, heavily ribbed and from 10 to 12 inches long below the leaf. The large leaves are thick and heavily crumpled and of fine flavor.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

High Quality Cabbage Seed

Charleston or Large Wakefield Cabbage.

SELECT EARLY JERSEY WAKEFIELD—This sharp head variety is very early, compact leaves; its hardiness enables it to resist all sorts of unfavorable conditions. Has for a long time been the market gardener's favorite for a first early cabbage.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.25.

CHARLESTON or LARGE WAKEFIELD—Ripens few days later than the Jersey, but much larger, and possesses all the blood qualities of the True Wakefield type in an intensified degree.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.50.

COPENHAGEN MARKET—As early as the Jersey Wakefield, and yields heavier crop. For a round head variety, this seems to be a strong statement. It is a fact and proven so by gardeners all over America for five years. Some of its chief features, in addition to its earliness, compactness, its light green leaves tightly folded, large size of heads often weighing 10 lbs. Leaves being tightly folded allows close planting. It produces a fine grain, tender, white head of excellent quality..
Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. $3.00.

LONG ISLAND EARLY FLAT DUTCH—Heads are large and solid, and mature very early—just after the select Jersey Wakefield, and may be marketed at same time with Wakefield. In every respect it is a cabbage worthy of cultivation.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.50.

HENDERSON'S EARLY SUMMER—This is an ideal second early sort. It forms flattish solid heads averaging about 8 to 10 lbs. Our seed is very carefully selected.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.50.

ALL HEAD EARLY—For uniformity, reliability of heading, size, earliness and quality it is very superior. Its heads grow compact and free from spreading leaves.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.50.

EARLY SHORT STEM DRUMHEAD—It is ready for marketing 2 or 3 weeks earlier than the late Drumheads, forms large, solid, rounded heads weighing from 15 to 25 pounds.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.50.

HENDERSON'S EARLY SUCCESSION—A wonderful cabbage for solidity, productiveness and fine large heads. Matures early, has handsome color and fine quality.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.50

LARGE LATE DRUMHEAD—Very hardy and desirable fall and winter cabbage. Head enormous. A good keeper and shipper.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. $2.25.

SELECTED LATE FLAT DUTCH—Grown very extensively by market gardeners for late crop. It grows very large, a sure header, uniform in shape, size and color. Large leaved and short stem.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. $2.25.

DANISH BALL HEAD—This sort is also known and sold as Hollander; the two varieties are identical. One of the hardiest of all late sorts; stands cold and drouth; produces a hard, compact, medium sized, perfectly round head of the finest quality. A splendid keeper and shipper.
Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. $3.00.

AUTUMN KING, OR WORLD BEATER—Large, broad heads are uniform in shape, hard and solid as a rock, fine grained and tender—more so than any other very large cabbage. Forming so few outer leaves, it goes almost all to head. It is a rapid grower, and does not require special culture to bring out its excellencies.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.50.

SURE HEAD (Pedigree Stock)—True American grown. Produces large, round, flattened heads that are all head, with fewer outer leaves, very uniform, firm and weighs from 10 to 15 lbs. each. Splendid shipper and of an excellent quality.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. $2.25.

AMERICAN DRUMHEAD SAVOY—The hardiest cabbage in cultivation. Heavy frosts only improve the quality.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. $2.25.

CHINESE PE TSAI or "CELERY" CABBAGE—Produces beautiful crisp, celery-like heads that blanch easily and that resemble a giant Cos lettuce. As a salad it rivals the finest lettuce, when cooked as cabbage or spinach it makes delightful greens. Its pure white heads make the best cold slaw. It is easily grown, but should be planted early, as it does best during the cool season.
Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. $3.00.

GREEN GLAZED CABBAGE—A cabbage of similar habits to the collard; a worm proof and very desirable sort.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. $2.25.

MAMMOTH RED ROCK—The largest and hardiest heading sort; large leaves, deep red color; very fine.
Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. $2.50.

Select Late Flat Dutch.

Carrots

One ounce is enough to sow 100 feet of drill. Four to five pounds is enough to plant an acre.

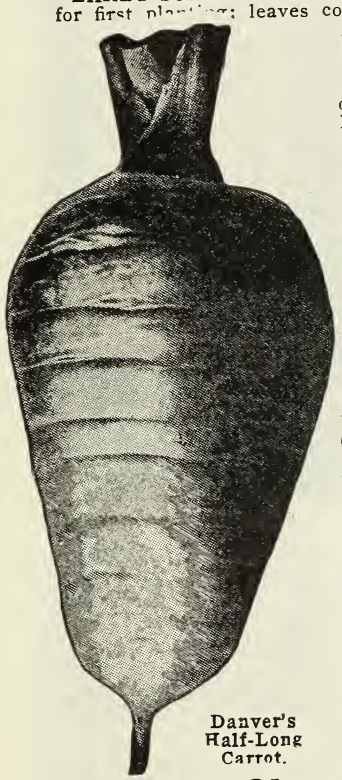
DANVER'S HALF LONG—This is the most popular sort for all purposes. We illustrate a bunch of this favorite sort, which shows its shape. A great yielder; short top, coarse leaves; roots smooth, of fine sweet flavor; color rich orange red.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

CHANTENAY or MODEL—Medium early and of excellent quality. Tops medium sized, necks small. Roots thick, 5½ to 6 inches in length, uniformly smooth, deep orange red in color. Flesh very crisp and tender.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

IMPROVED LONG ORANGE—A well known standard sort; roots long, thickest near the crown; tapering reguarly to a point; color deep orange, suitable for the table and main field crop.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

OXHEART or GUERANDE—A short, thick stump rooted sort; best for thin soil and heavy land; fine grained and very sweet.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

EARLY SCARLET HORN—An excellent variety for first planting; leaves coarse and short; light green, tapering to shaped root; color, orange red.
Postpaid — Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.



Danver's Half-Long Carrot.

Carrots For Stock Feeding

Carrots are full of starch and sugar, furnishing very nutritious and wholesome feed; they are easily grown. In the South their hardiness and ease of cultivation make them very profitable.

IMPROVED WHITE BELGIAN—Grows one-third above ground with small top; its flesh is rather coarse.
Postpaid — Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c; 5 lbs. $2.50.

LARGE YELLOW BELGIAN—Makes long yellow roots; about one-third to one-half of the roots grow above the surface and are easily harvested.
Postpaid — Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c; 5 lbs. $2.50.

Chervil

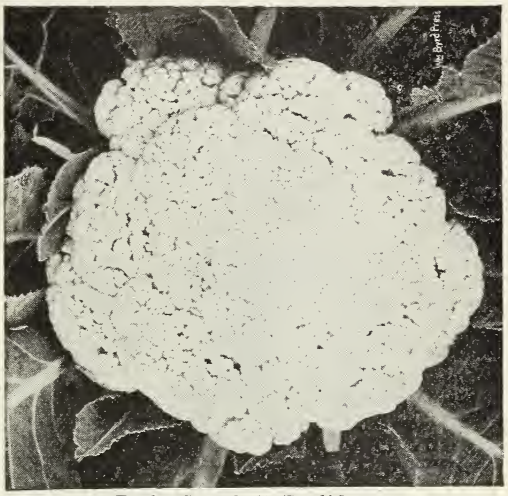
Used for flavoring or garnishing, and is more beautiful than Parsley. Sow in early spring in rich soil, and when plants are large enough, transplant to a foot apart.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c.

Collards

Cultivated and grown same as cabbage. Collards are purely a Southern vegetable, largely used in place of cabbage. Collards are considered in the South the old-time winter greens. They are improved by the touch of frost. Sow one ounce seed to 200 feet row.

N. C. BUNCOMBE SHORT STEM—This variety has short stem, large spreading leaves. Has proven very popular wherever grown. A great improvement over other varieties.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 80c.

TRUE GEORGIA or SOUTHERN—A well known and popular sort.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.



Early Snowball Cauliflower.

Cauliflower

One-fourth ounce produces about 500 plants; 3 ounces make enough to set out an acre. Matures heads in 90 days from planting.

Cauliflower succeeds well in any soil where cabbages grow. It delights in a rich soil and plenty of water. Early planting is essential; in this section plant in hot-beds in February, March, and early in April; also rapid and thorough cultivation. Transplanting should be done in moist weather.

EARLY SNOWBALL—This variety is not only the earliest to head but a remarkably sure header, making large, solid, perfect, pure white heads of the finest quality. Our seed imported direct from the world's foremost source of supply.
Postpaid—Pkt. 15c; ¼ oz. 60c oz. $2.00; ¼ ib. $7.

DRY WEATHER CAULIFLOWER—This new cauliflower is especially adapted for growing in dry locations when other varieties fail. It produces large, solid heads.
Postpaid—Pkt. 10c; ¼ oz. 50c; oz. $1.75; ¼ lb. $6.50.

EXTRA EARLY ERFURT—An extra early compact sort, pure white, a reliable header, and suitable for both outdoor and forcing.
Postpaid—Pkt. 10c; ¼ oz. 50c; oz. $1.75; ¼ lb. $6.50.
See page 31 for prices of Cauliflower plants.

Corn Salad or Fetticus

Sown with the approach of cool weather in the fall, it will produce an abundance of leaves which may be used as a salad throughout winter and spring. Quite hardy, but should be protected during severe weather. One ounce will sow 20 square feet. Large seeded.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.60.

Cress

WATER CRESS—Is developing into a very profitable industry for shipment to large markets. This variety is sown in the spring in beds in damp places or along the edges of ponds, creeks and running streams.
Postpaid—Pkt. 5c; oz. 60c; ¼ lb. $2.25.

UPLAND CRESS—Is sown in the spring, in drills about 1 foot apart.
Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 65c.

Chicory

Chicory is grown principally for the large thick roots, which are dried and roasted; also the leaves are used as a salad during the early spring.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c.

Celeriac or Turnip-Rooted Celery

The roots have the flavor of celery; are excellent for flavoring soups and salads.
Postpaid—Pkt. 5c; oz. 30c; ¼ lb. 90c; lb. $3.25.

Garden Corn or Sugar Corn

One pound Seed Corn will plant 100 hills. Ten or twelve pounds for one acre in hills.

Culture—Plant in hills 3 feet apart each way, 6 or 8 kernels in a hill. Make the ground rich with well-rotted manure. Plant the early varieties the last of March or the first of April. Sweet corns are tender and should not be planted till the ground is warm. Give frequent and thorough but shallow cultivation.

Plant at intervals of about two weeks for a succession of roasting ears. Early kinds can be planted in July or August for late roasting ears. Early Adams and Tucker's Favorite can be planted earlier than the Sugar Corns as they are more hardy. Place your order early as the supply is limited.

EXTRA EARLY ADAMS—A popular variety in the South. Earliest White Corn in cultivation makes small ear and stalk and can be planted close together. If planted in very rich soil and given thorough cultivation produces well filled ears very early.

Postpaid—Pkt. 10c; lb. 20c; 10 lbs. $1.50.
Express—Lb. 15c; 10 lbs. $1.25; 50 lbs. $5.00.

GOLDEN BANTAM—EXTRA EARLY, SWEET, TENDER AND DELICIOUS—is becoming each year more popular because of its extreme early character, vigorous growth and delicious flavor. It is pronounced by many of our planters the finest extra-early sweet corn ever grown. The dry grain is entirely free from any flinty glaze, it is exceptionally hard and firm, hence can be planted earlier than any other true sweet corn. The stalks are dwarf and sturdy in habit, growing to a height of four feet, and can be planted close together in the row; they bear two or three good small ears to the stalk. The grains are yellow. Golden Bantam is truly delicious.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $8.50.

GOLDEN CREAM—A cross of Golden Bantam and Country Gentleman. The result is a yellow Country Gentleman. Ears about size of Golden Bantam and matures about same time, but the grain smaller, deep and zigzagged and of a rich golden color; of excellent quality.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.25; 25 lbs. $5.00.

HOWLING MOB—A fine second early, large eared sort. It produces two pearly white ears to the stalk and is of unsurpassed quality.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.25; 25 lbs. $5.00.

IMPROVED EARLY ADAMS—This is a very hardy sort and can therefore be planted very early. The stout stalks grow 6 to 7 feet in height, bearing one or two large or medium-sized ears, which are well filled with fine white grain that is of excellent quality if pulled at the proper stage.

Postpaid—Pkt. 10c; lb. 20c; 10 lbs. $1.50.
Express—Lb. 15c; 10 lb. $1.25; 50 lbs. $5.00.

BLACK MEXICAN—One cannot forget the delicious sweetness and fine qualities in spite of its dark color.

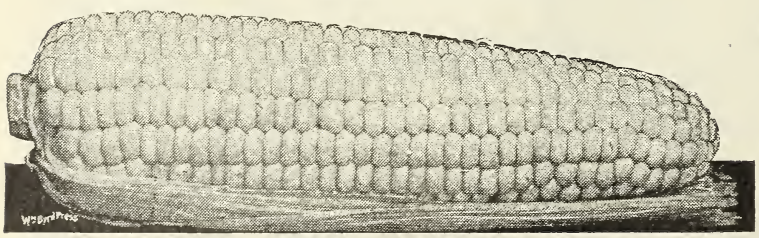
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.25; 25 lbs. $5.00.

EARLY MAMMOTH—The ears are of large size, tapering well toward the end. A late ripening second early variety.

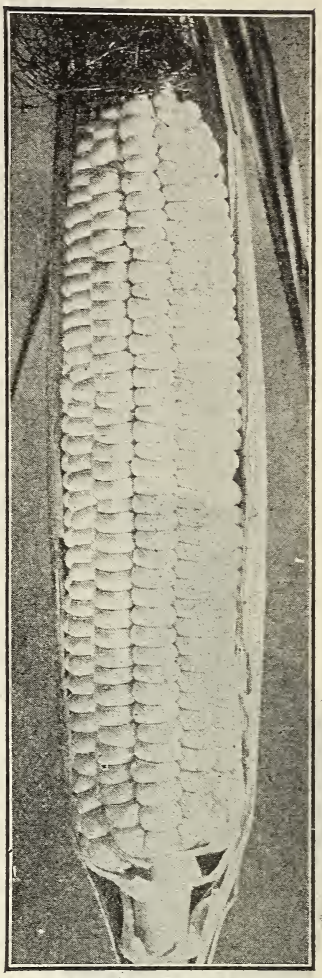
Postpaid—Pkt. 10c; ½ lb. 15c; lb. 25c.
Express—Lb. 20c; 10 lbs. $1.75; 50 lbs. $7.50.

STOWELL'S EVERGREEN — Now recognized everywhere as the standard variety, both for home and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and have the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all sorts.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $8.50.



Extra Early Adams.



Stowell's Evergreen.

COUNTRY GENTLEMAN — Small cob; long, slender, white grain. This variety has a small, white cob, densely covered with irregular rows of very long, slender, white grains of excellent quality, ears seven to nine inches long; stands from six and one-half to seven feet high. Well adapted for canning as well as the home garden and market and by many regarded as the best of the late varieties.

Postpaid—Pkt 10c; ½ lb. 20c; lb. 30c.
Express—Lb. 25c; 10 lbs. $2.00; 50 lbs. $8.50.

TRUCKER'S FAVORITE — For a second early corn to follow Adams Early, or for late planting to mature early, this is a good sort. It is a white corn, with good depth of grain, tender and sweet, and makes most desirable size for roasting ears. In addition to being a fine garden corn, it makes an excellent field corn to plant late.

Postpaid—Pkt. 10c; lb. 20c; 10 lbs. $1.50.
Express—Lb. 15c; 10 lbs. $1.25; 50 lbs. $5.00.

Cucumbers

CULTURE OF CUCUMBER.—For early cucumbers sow the first of April in a hotbed upon pieces of sod (grass side down); so that they can be readily transplanted to the open ground in rich soil when danger of frost is over or protect by hand glasses. For early use plant if the weather has become settled and warm, in hills about four feet apart each way. Crop very short, order early.

IMPROVED DAVIS PERFECT—We cannot praise this variety too highly. It has every quality that makes up an ideal cucumber. The vine growth is vigorous, producing unusually long, symmetrical fruits that are almost seedless. The fruits of this sort have been mistaken, even by experts, for hothouse or indoor types. For this reason they always command the very best price in any market.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.25.

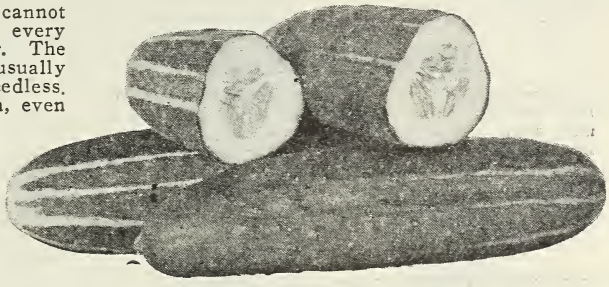
EARLY FORTUNE—Early very productive and disease resistant, fruit nine inches long, slightly tapering, flesh white, firm and crisp.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. $1.10.

LONG GREEN—The standard variety everywhere for main crop. The variety is very prolific, producing unusually long, dark green fruit, very firm, few seeds, and of good eating quality.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.25.

EVERBEARING—This is a very early and an extremely prolific variety. The young fruit is symmetrical, deep in color and crisp. It is an excellent variety to grow for small pickles.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. $1.10.

EARLY FRAME—An early vigorous growing variety, producing short green fruit of excellent quality; very desirable for pickling.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. $1.10.

CHICAGO PICKLE—A small dark green, early, prolific sort, more largely used for pickling purposes than any other sort.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.25.

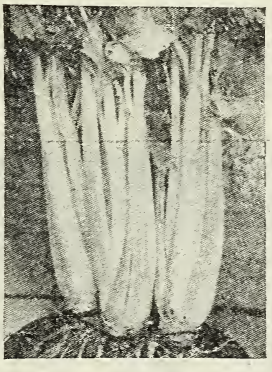


FORDHOOK FAMOUS—Largest of the White Spine family. Fruit long, thick and tapering at both ends. Crisp and solid. Fine for slicing.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. $1.10.

IMPROVED EARLY WHITE SPINE—A standard and very popular sort with truckers who grow for market and shipping; early and prolific.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. $1.10.

EARLY CLUSTER—An early prolific sort; green variety, bearing its fruit in clusters. Very desirable for home pickles.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.25.

Celery



Golden Self Blanching Celery.

One ounce sows about 100 feet and produces about 4,000 good plants; 8 ounces to set one acre. Matures from 120 to 160 days.

Culture—Sow seed in February, March or April, in rows of fine rich soil, and if dry enough, press the soil firmly with a roller or the back of a spade. Keep the seed bed well watered, as celery germinates very slowly. When four inches high, cut off tops to make the plants grow stocky. Transplant from June to September in rows 3 feet apart, 6 inches apart in row.

GOLDEN SELF BLANCHING, FRENCH GROWN—Of a golden yellow color; ribs are brittle, and of a delicious flavor. This is the earliest maturing sort. Stalks are heavy, perfectly solid, about 20 inches high; easily blanched.
Postpaid—Pkt. 5c; oz. 40c; ¼ lb. $1.25; lb. $4.00.

IMPROVED WHITE PLUME—A great favorite, crisp and tender. The plants grow rapidly and blanch easily during the summer months.
Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. $3.00.

GIANT PASCAL—Splendid variety for fall and winter use. It blanches to a yellowish white color, and is solid, crisp, and of fine flavor.
Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. $3.00.

CELERY PLANTS—See page 31.

COW EASE
A light spray to prevent flies, gnats, mosquitoes. Protect your horses and cows.
By express—1 qt. 50c; ½ gal. 85c; 1 gal. $1.50.

Egg Plant

One ounce for 1,000 plants, requires about 4 ounces to plant an acre. Matures in about 120 days from sowing.

Egg plant is one of the most delicious vegetables. They grow and fruit exceptionally well in the South, and are very high in food value. Sow seed early in hot beds and transplant into well fertilized situations, when all danger of frost is past.

NEW YORK IMPROVED SPINELESS—This is an entirely spineless strain of the large purple-fruited, which is the well-known standard. The plants are equally as productive, fruits as large and well colored, but stems and calyx entirely free from spines.
Postpaid—Pkt. 5c; oz. 40c; ¼ lb. $1.50.

FLORIDA BIG BUSH—Very vigorous and productive, bearing very profusely its large purple fruits of fine shape and quality. Resist drought and wet weather to a great degree, on account of its strong upright growth.
Postpaid—Pkt. 5c; oz. 35c; ¼ lb. $1.20.

BLACK BEAUTY—Ten days or two weeks earlier than the preceding, with fruits just as large, of uniform shape and rich, lustrous black color. Fruits develop very quickly and planters will be pleased with them.
Postpaid—Pkt. 5c; oz. 45c; ¼ lb. $1.50.

EGG PLANTS—Large, stocky, transplanted plants. Ready March 1st till July. See page 31.

Endive

One ounce will sow 100 feet or row; 3 pounds will plant 1 acre of land in rows 3 feet apart.

Culture—A delightful salad. Sow in April, May, and June, in rows 18 inches apart, thin to 1 foot in the row; tie outer leaves up over the center and bleach.

MOSS GREEN CURLED—A very hardy, dark leaved sort; crisp and tender; should be bleached.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.35.

WHITE CURLED—Almost clear white sort; very fine.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.35.

Horse Radish

Horse Radish rarely produces seed, but is grown from pieces of the roots. Mark off the rows 2½ feet apart, in rich, moist, well-prepared ground, and set the pieces of roots 18 inches apart in the rows vertically, the small end down and the top 1 to 2 inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds.
Postpaid—Per doz. 20c; per 100, $1.25.

Dwarf Scotch Curled Kale.

Kale or Borecole

One ounce to 150 feet of drill, or broadcast two pounds to acre.

A salad of the cabbage family; extremely easy and very profitable to grow; broadcast same as turnips; very hardy.

DWARF CURLED SCOTCH—A very early dwarf, hardy sort.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

TALL CURLED SCOTCH—A tall, growing sort; very hardy.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

LONG STANDING SIBERIAN—The hardiest of the lot; very popular.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. $1.25.

Kohlrabi

One ounce to 100 yards of row

A vegetable intermediate between the cabbage and turnip, which combines the flavor of both. It forms a turnip-shaped bulb above the ground, which is prepared for the table like turnips. If used when young and tender, makes a delicate and desirable vegetable. Also known as "Turnip-rooted Cabbage." Sow in rows 18 to 20 inches apart, thinning out to 8 inches.

EARLY WHITE VIENNA—A light green type; the most popular.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. $2.35.

Leek

The Leek belongs to the Onion family. Sow the seed and care for the young plants as for onions, but they need more room in order to develop. When the young plant is about the size of a goose quill, transplant to a prepared bed in rows about 3 or 3½ feet apart and 4 or 5 inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

LONDON FLAG—This is a variety generally cultivated in this country. It is hardy and of good quality.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.50.

Select Lettuce

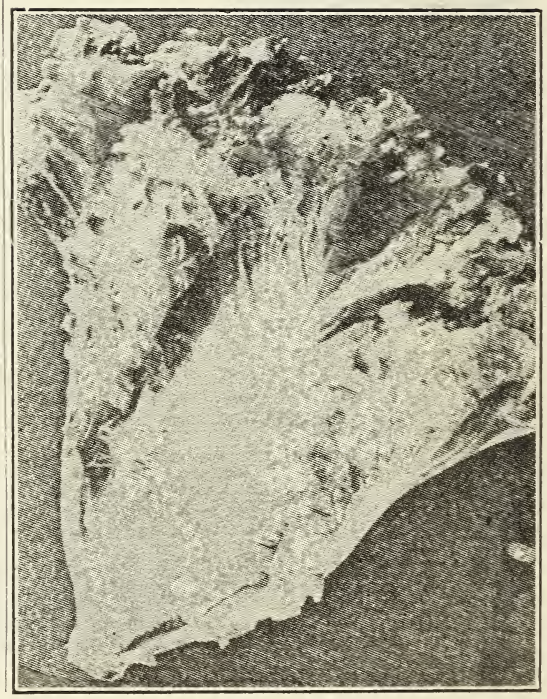
One ounce will sow about 150 feet of drill or produce 3,000 plants.

Culture—Sow in hot-beds in February and March, harden off and set out 8 to 12 inches apart in 18 inch rows. For succession, sow every 3 weeks. Sowing may be made in open ground early in the spring and the plants thinned out. Lettuce is easy to grow, but requires rich, moist soil, clean and thorough cultivation, and plenty of water to give it that quick growth on which depends its tenderness and flavor. After plants are set out a side-dressing of nitrate of soda will stimulate their growth.

Curled Varieties

GRAND RAPIDS—A good lettuce to sow outside early in the spring for family use. Makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good marketable condition for a long time after cutting. Its delicious quality and handsome appearance make it a popular variety.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

BLACK-SEEDED SIMPSON—One of the best, either for forcing under glass or for open ground culture. It forms large, thin, loose leaves of light green color, very tender, crisp and of fine quality.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.



Grand Rapids Lettuce.

LETTUCE—CABBAGE or HEADING VARIETIES.

A Field of Big Boston Lettuce.

BIG BOSTON — (Improved Selected.) Very distinct variety, grown largely in the South as a winter lettuce. Very popular for outside culture as well as cold frame forcing. Head large and compact; leaves broad, almost smooth, but wavy at the edge; color light green, slightly tinged reddish-brown; heart greenish-white tinged yellow, and quite tender when well grown. It gives the best of satisfaction under all possible conditions.
Postpaid—Pkt. 5c; oz. 15c ¼ lb. 40c; lb. $1.35.

GLOBE EGG MASH

See page 63.

Cabbage or Heading Varieties

WAYAHEAD LETTUCE—The earliest butterhead Lettuce, not only being "wayahead" in earliness, but the tightly folded heads are generally larger in size. The outer leaves a light green, with the inner head finely bleached to a rich buttery yellow. "Wayahead" stands a longer time before running to seed than any other early head variety.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

ICEBERG—A good variety for either the market gardener or for family use. Somewhat similar to Hanson, but smaller and of slightly darker color. It matters not whether grown to head in early spring or in the hottest days of summer, the leaves are always tender and crisp.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. $1.60.

BRITTLE-AS-ICE—Very large, extremely crisp, hard-heading, and extra long standing. Retains its crispness and mild flavor to a greater degree during the hot summer months than any other crisp-headed variety; also very desirable for spring and fall. Leaves are of a soft, bright green, growing tightly around head. They blanch to a silvery white, and are nearly as crisp as celery.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. $1.60.

PRIZEHEAD—Well known, loose-heading lettuce, quite distinct from most other sorts on account of its peculiar color, light green shading to bright reddish brown. The leaves are somewhat crimpled, and grow more so at the border. In quality, tender and sweet.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.10.

WONDERFUL (NEW YORK)—This splendid mammoth heading, long-keeping variety has been grown to weigh 6 lbs to the head; frequently weighs 2 or 3 lbs. Heart is solid, of light green color, very sweet, tender and crisp. Long standing, perfect heads may be cut from the same bed for many weeks.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. $2.25.

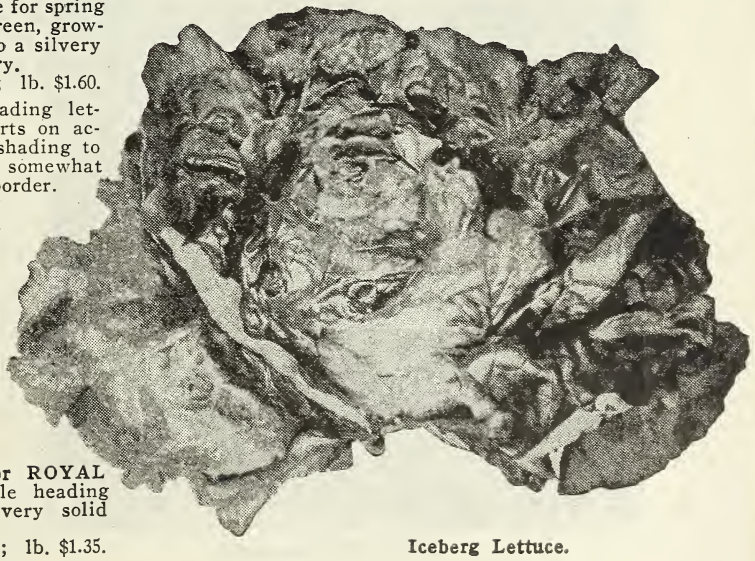
CALIFORNIA CREAM BUTTER or ROYAL SUMMER CABBAGE—A very reliable heading variety; leaves glossy, deep green, very solid head.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

MAY KING—Of quick growth and produces large, handsome heads with few outside leaves. Color light green, outer leaves folding closely, producing round, solid heads 6 to 7 inches in diameter. Splendid for market gardeners or private use.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.25.

IMPROVED HANSON—One of the best for growing during the hot summer months, as it will stand heat and dry weather to perfection. The large, solid heads weigh sometimes 2 or 3 pounds. They are of light green color outside, and white within, tender, crisp and of fine flavor.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.25.

PARIS WHITE COS or CELERY LETTUCE—The Cos Lettuces are quite distinct, and they are popular on account of their tender, crisp leaves and delicious flavor. The leaves are long and narrow, and need to be tied up, when they soon form solid conical heads and bleach snow white.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

LETTUCE PLANTS—See page 31.



Iceberg Lettuce.

Muskmelon or Cantaloupe

One ounce will plant 50 to 60 hills; 2 to 3 pounds to an acre.

Culture—A rich, sandy soil and good seed are absolutely essential for success in raising the best muskmelons. The seed should not be planted until the ground has become dry and warm; plant in hills 4 to 6 feet apart each way; old well-rotted manure should be thoroughly mixed with the soil in each hill and in liberal quantity. Put from 6 to 10 seeds to the hill, and when danger of insects destroying the young plants is past thin out 3 or 4 plants. Give frequent but shallow cultivation until vines cover the ground.

BANANA—The fruit is very long, cucumber-shaped, 18 to 24 inches; flesh yellow, thick and of most delicious odor and flavor.

Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. $1.60.

ROCKY FORD NETTED GEM (SELECTED STRAIN)—The most popular melon in cultivation. It is without doubt the most uniformly good sort. Very popular as a shipper, fruits stand handling with little or no damage. Early and very prolific; flesh is light green with salmon flesh near the seed. We offer seed of the very finest strain, grown for us by specialists in this line, and subjected to the greatest care in selecting and curing.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. $1.10.

JENNY LIND—An extra early, small green variety, very prolific. The flesh is a light green and one of the sweetest. It is deeply ribbed and thickly netted.

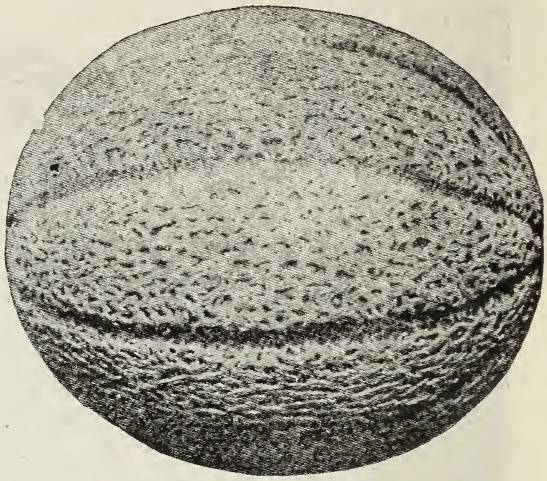
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.50.

EXTRA EARLY HACKENSACK—An early sort, maturing in about 60 days, running from medium to large; deeply ribbed, tough rind sort. A very valuable shipping variety. Flesh light green to pink at the center.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.25.

EMERALD GEM—The fruit is of good size, very smooth and of deep emerald green color. The flesh is of a rich salmon color, and ripens thoroughly to the extreme thin rind, and is very sweet and rich of flavor; very hardy and prolific, and grows to perfection in the South. The melon follows the extra early sorts in ripening and lasts longer than most any variety. This melon is very popular for home gardens.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.50.



Rocky Ford or Netted Gem Muskmelon.

TIP TOP—This very productive melon varies in shape from round to slightly oblong, rather large in size and somewhat late in maturing. Skin pale green, distinctly ribbed and fairly well covered with shallow netting. The flesh is rich, deep salmon in color, and it is sweet and juicy.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.25.

FORDHOOK—The rind, though thin, is unusually firm and well netted; the thick salmon flesh is solid and sweet to the rind. One of the finest for market, also equally as good for the home garden. The introducer pronounced it equal to the Emerald Gem in delicious flavor.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.50.

AVICOL

A mild Oxidizing Agent to be used in drinking water of chickens, pigeons and turkeys. Price—25c each, postpaid.

Large Hackensack

DELICIOUS GOLD LINED ROCKY FORD—It is medium in size, of round, oval form. Meat of a beautiful golden color, deliciously sweet, very prolific and hardy.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

HONEY DEW—This late variety has become extremely popular on account of its large size and excellent quality. The fruit is ovoid in form, about 10 inches long and 8 inches in diameter; surface smooth and hard, without ribbing or netting; creamy white in color turning to lemon tint when fully ripe; flesh light emerald green; very thick, ripening to the rind; very tender with an extreme sweetness found in no other melon. An excellent variety for storing.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.60.

MARKET GARDENERS, or other large planters, requiring larger quantities of seeds than are here offered, are invited to write us for Special Prices, and must be sure to name **varieties and quantities** they will want.

Selected Southern Grown Watermelon Seed

One ounce will plant 30 hills; 3 lbs. for 1 acre. The watermelon seed we offer is Southern Grown and far superior (contrary to the general rule in seed), to those grown in the North. Watermelon seed produced North or West and grown in the South produces melons with a hard core and are not used by the large melon growers in the South, although frequently can be obtained at much less price.

Culture—Prepare the soil by thoroughly working in well rotted manure, pulverized sheep manure or poultry droppings; rich soil gives the plants a good start before insects attack them. Make hills 8 feet apart each way, plant 6 to 8 seeds to a hill, covering 1 inch deep; when well up thin out, leaving 3 strong plants to a hill.

NOTE—Do not neglect to spray your melon vines with Bordo Mixture, it will help to increase the yield and prevent diseases that often destroy the melon crop in the South. See page 51 for description and price of Bordo Mixture.

To prevent and destroy Bugs, dust the vines with Bug-Death or Slugshot. See Insecticides, page 51 for price on Slugshot.

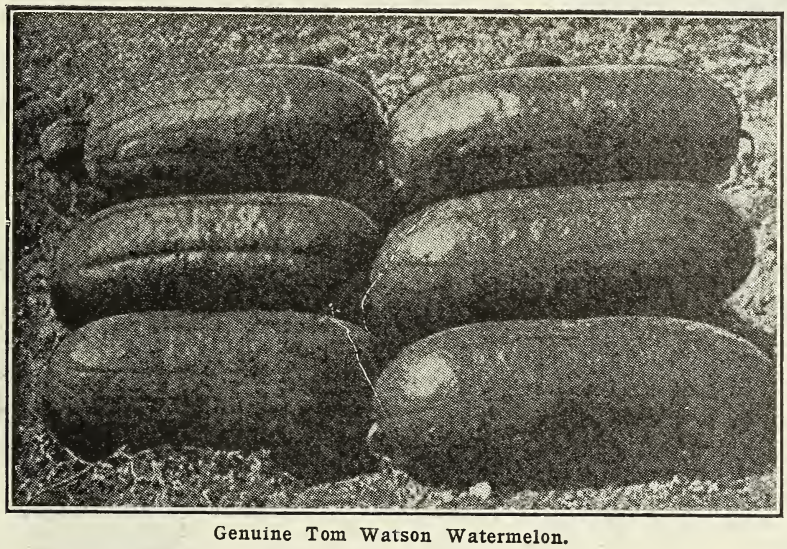
GEORGIA RATTLESNAKE—One of the largest, oldest and most popular sorts, especially in the South. Fruits very long, of light green color, distinctly striped and blotched with a darker shade. Flesh bright scarlet, very sweet and tender.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.10.

HARRIS' EARLIEST WATERMELON—Sweetest, largest early melon. Melon is oval to oblong; beautifully striped with green and grey; bright red flesh which is sweet, tender and delicious. It is a melon for everybody to grow who wants to be first in the market with fine large melons weighing 20 to 30 pounds.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

HALBERT'S HONEY—One of the newer varieties of splendid quality and especially desirable for home use or nearby markets. They are much like Kleckley's Sweet, or Monte Cristo, but longer in shape; have a dark green thin rind; exceedingly bright scarlet meat, so crisp and tender that a well ripe melon splits ahead of the knife when cutting. Melons are long, blunt at both ends, and the vines are very productive.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

ICE CREAM or PEERLESS—A popular melon for home and market. Oblong, with dark green, finely grained skin. Flesh sweet, deep pink; solid to the center.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.10.

FLORIDA FAVORITE—A large, smooth, beautifully shaped melon of dark green color, irregularly striped with light green, very early and exceedingly prolific. The rind is of medium thickness, very hard and tough, making an excellent sort for shipping. The flesh is of bright red color, sweet and juicy.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.10.



Genuine Tom Watson Watermelon.

SWEET HEART—A medium early variety growing to a very large size. Vines vigorous and productive, melons oval, light green in color, striped and veined with a darker shade. Flesh bright red and tender.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.10.

GLOBE
SCRATCH FEED

See page 63.

Tom Watson

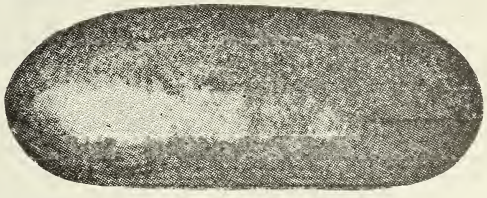
No watermelon ever introduced has sprung into popular favor so quickly as the Tom Watson; the illustration will show the purchaser the true type. The melons are large, long and dark green like the Kleckly Sweets, but larger, and has a tougher rind, consequently is an excellent shipper for long distances. The deep flesh or meat is a beautiful rich red, solid and lusciously sweet and ripens close up to the vine. The vines are vigorous and very productive, although a shipping melon, its extra fine quality commends it to the private gardener. The heart is large with no sign of core. The seeds are brown tipped with white. Our seeds are Southern grown, which are the best.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.10.

COLORADO CITRON or PRESSING MELON—Also called apple pie.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 60c.

KLECKLEY'S SWEET—This is the famous "Sweetest of All." Without doubt one of the finest melons grown. Long thin rind. Not a shipper, but one of the finest for home use.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.35.

KOLB GEM—Large, heavy shipper; round, dark green striped with lighter shade; rind thick, flesh red; seed dark grey.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. 90c.



Kleckley's Sweet.

Mustard

One ounce sows 30 feet; 4 or 5 pounds per acre. This is grown to quite a large extent in the Southern States. It is used the same as spinach, or boiled with meat as greens. The white or yellow-seeded variety is cultivated chiefly for medicinal purposes or pickling.

Culture—Sow during February, March or April, or in the fall during September or October, either broadcast or in rows 6 inches apart. Cut when about 3 inches high.

Southern Giant or Curled Mustard.

SOUTHERN GIANT CURLED—Forms a great mass of light green leaves beautifully frilled and finely curled. Succulent, pungent, and of sweet flavor. The most popular with Southern growers.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

OSTRICH PLUME — This variety stands the summer heat finely. Is considered the most beautiful of all mustards. Leaves are long, ruffled and curled as graceful as the ostrich plume.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

CHINESE BROAD LEAF—Ready in six weeks from sowing. Leaves are twice the size of the white, and the stems more succulent. Pleasantly sweet and pungent.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

WHITE — Leaves comparatively smooth, dark green. Mild and tender when young.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

BLACK—Stronger and more pungent than White.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Mushroom Spawn

Mushrooms are much enjoyed as a table luxury. They may be grown in a variety of situations—a dark room, cellar, stable, in sheds, under green house benches — where the temperature can be maintained at 50 to 65 degrees. Ten pounds of spawn are required for ten feet square.

ENGLISH MILLTRACK SPAWN—Stock of recent importation. It comes in bricks weighing 20 ounces. Each brick is sufficient for 8 square feet of bed.
Price—Per brick, 25c (by mail, 35c). By express —5 lbs. $1.00; 10 lbs. $1.50. Purchaser pays the transportation charges.

Onion Sets

One quart will plant 50 feet of row; 4 to 6 bushels will plant an acre.

SILVER SKIN—Best white Onions for growing from sets. Mild flavor and good keepers.
Postpaid—Quart 30c; peck $1.35; bushel $4.50.
Express—Quart 25c; peck $1.25; bushel $4.00.

YELLOW DANVERS—One of the best keepers and the most popular variety to plant in the spring from sets.
Postpaid—Quart 25c; peck $1.25 bushel $4.00.
Express—Quart 20c; peck $1.00; bushel $3.50.

LARGE RED WEATHERSFIELD—A favorite market variety and large cropper.
Postpaid—Quart 25c; peck $1.25; bushel $4.00.
Express—Quart 20c; peck $1.00; bushel $3.50.

WHITE MULTIPLIER—Or Nest Onions; very productive, of finest flavor; better keepers than the Yellow Multiplier, and does not make as large onions as they do.
Postpaid—Quart 25c; peck $1.25; bushel $4.50.
Express—Quart 20c; peck $1.15; bushel $4.25.

YELLOW POTATO, MULTIPLIER—These make large reddish-brown Onions of a mild flavor; excellent qualities.
Postpaid—Quart 25c; peck $1.25; bushel $4.25.
Express—Quart 20c; peck $1.10; bushel $4.00.

The prices of onion sets fluctuate. We are one of the largest handlers of high-grade sets in the South. Write for our quantity prices on fancy stocks.

See **ONION SEED**, next page.

Okra or Gumbo

Cultivated for its green seed-pods, which are used in soups or stewed and served like asparagus. Highly esteemed in the South for making gumbo soup. Can be cured like dried apples and then used for soup at any time.

Culture — When the soil has become warm, sow thickly in rows 3 feet apart, and when large enough, thin out to a foot apart in rows.
One ounce will sow 30 feet of row.

KLECKLEY'S FAVORITE—A most productive variety. Produces thick fleshy pods of exceptional tenderness and flavor. Has become very popular.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 65c.

WHITE VELVET OKRA — This is a distinct and beautiful Okra. The pods are much longer than any other variety, perfectly smooth, and covered with a fibre resembling velvet.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c.

PERKINS MAMMOTH LONG POD—An early, and very prolific, long green-podded variety; height 4 to 4½ feet, and best quality.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c.

Okra.

The prices of our high grade Grass and Clover Seed have declined to a pre-war level. This offers an unusual opportunity to seed in grass the lands that have heretofore remained idle.

Silver Skin or Portugal Onions.

Superior Onion Seed

One ounce will sow 100 feet of drill; 5 pounds is required to make plants enough to set an acre.

Culture—Large Onions from Seed—To grow large onions from seed the first year, sow in January, February or early in March in hot beds, or in the open ground later, and when the weather opens and the plants are the size of a goose quill, transplant 4 or 5 inches apart in 12 to 18 inch rows. Transplanting always increases the yield, sometimes doubles it.

The onion is best grown in a rich, sandy loam. Continued cultivation upon the same plot of ground, contrary to the general rule, rather improves the crop than otherwise.

PRIZE TAKER, or SPANISH KING—It is one of the largest, handsomest and most profitable varieties grown. By sowing early and transplanting it can be grown to an extraordinary size. The Prize Taker Onion is globe-shaped; of a clean, bright yellow or straw color. Has a small neck and ripens up hard. Keeps well until about midwinter. Flesh thick, white, mild and agreeable in flavor. It is easily grown, medium early maturing.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. $2.35.

LARGE RED WEATHERSFIELD — The most widely cultivated red variety, the standard winter Onion; a sure and heavy yielder; the best keeper; grows to an immense size, solid, oval-shaped, flattened on top; skin purplish red, smooth and glossy; flesh white. This variety does best on rich, moderately dry soil, but on low muck land it is more apt to form large necks than the Danvers. There is no better sort for poor and dry soils.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. $2.25.

LARGE YELLOW GLOBE DANVERS—This improved variety is largest in size and uniformly globe shaped, has small necks and ripens evenly. Fine keeper; matures early.
Postpaid — Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. $2.25.

SOUTHPORT WHITE GLOBE—Handsome white globe Onion. Very mild.
Postpaid — Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. $2.25.

SOUTHPORT RED GLOBE—Large, beautiful globe-shaped red Onion, very mild and splendid keeper.
Postpaid — Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. $2.25.

SILVER SKIN, or WHITE PORTUGAL (See illustration)—The bulbs are flat. It is of a mild, pleasant flavor and is a splendid variety, both for home use and the market gardener. It is extensively used for growing sets, for which it is well adapted on account of the shape of the bulb and its excellent keeping qualities. It is also used largely for pickling.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 70c; lb. $2.60.

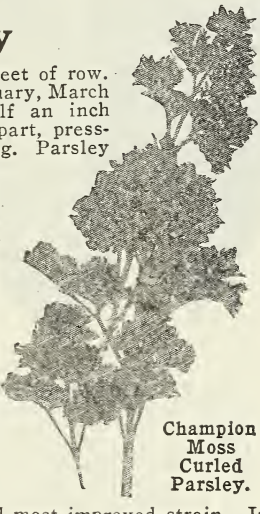
SOUTHPORT YELLOW GLOBE—Fine shape; rich yellow color and a good keeper.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. $2.35.

Parsley

One ounce sows 150 feet of row.

Culture—Sow in February, March or early in April, half an inch deep, in rows a foot apart, pressing the soil after sowing. Parsley is slow to germinate, sometimes two or three weeks in coming up. Germination may be hastened by soaking the seeds several hours before sowing, or by covering the rows with boards to retain the moisture.

Fall sowings should be made in August or September in hot-beds or cold frames. Top dress with well rotted manure or a good ammoniated fertilizer.

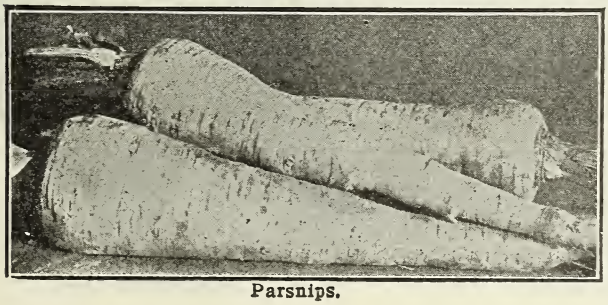


Champion Moss Curled Parsley.

CHAMPION MOSS CURLED—The best and most improved strain. It is beautifully curled and crimped, and is best for garnishing and flavoring. If cut when about 3 inches high, it starts a new growth that will be better curled and a brighter color. It makes an ornamental plant for edging walks.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. $1.00.

PLAIN or SINGLE—Very hardy, and stronger in flavor than the curled.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

TURNIP-ROOTED or HAMBURG PARSLEY—The fleshy root resembles a parsnip, and is used for flavoring soups, stews, etc.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. $1.00.



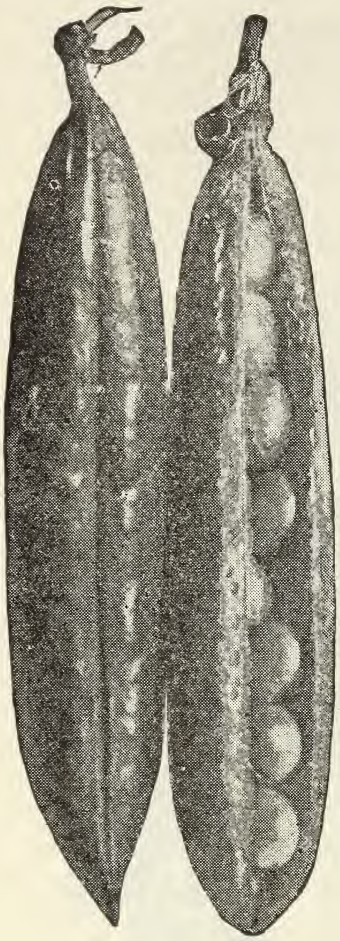
Parsnips.

Parsnips

One ounce sows about 150 feet; 5 to 6 pounds to the acre.

They require a deeply prepared loam for their fullest development. The seed are very slow to germinate, and should be sown early in the spring in rows 18 inches apart for hand cultivation, or 30 inches apart for horse cultivation. Thin out to six ins. to row. Cultivate often.

SUGAR or HOLLOW CROWN — The very best sort in existence. A large yielder of the finest quality.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.



Garden or English Peas

Two pounds will plant 100 feet of row; 90 to 120 lbs. to acre.

Culture—Plant the smooth varieties as early as the ground can be worked, in rows 3 to 4 feet apart, 2 inches deep, giving the later sorts more room between the rows. The wrinkled peas are not as hardy as the smooth sorts, and should be planted later; they are sweeter and better flavored. Peas mature earliest in a light, rich soil; for general crop a moderately heavy soil is best.

Extra Early Bunch Varieties

EXTRA EARLY FIRST AND BEST—We can strongly recommend this pea for early use. It is hardiest, the most prolific and profitable of all early sorts. The well-filled pods containing usually 6 to 8 peas, retaining their beautiful green color long enough after being picked. Grows 2 to 2½ feet high.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 40c.
Express—Lb. 30c; 10 lbs. $2.50; 50 lbs. $9.00.

ALASKA LARGE-PODDED—EARLIEST OF ALL—Matures in pods in about 35 days, which are filled with medium sized, bright green peas of good flavor. The vines grow from 2½ to 3 feet high. Uniform maturity and other distinct valuable qualities have made it popular with the gardeners and canners.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 40c.
Express—Lb. 30c; 10 lbs. $2.50; 50 lbs. $9.00.

AMEER—An extra large-podded pea of excellent quality. Vines grow about 3 feet in height, producing large, finely-shaped pods. The peas ripen uniformly and are round, slightly dented, of bright green color. A prolific bearer, making it a valuable market gardener's sort. If you desire a fine large-podded pea that will mature early, one that fills the hamper quickly, plant Our Ameer, or Large-Podded Alaska.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 40c.
Express—Lb. 30c; 10 lbs. $2.50; 50 lbs. $9.00.

MAMMOTH PODDED EXTRA EARLY—A large smooth seeded pea which has become the favorite of market gardeners as a first early sort. The vigorous vines and heavy green foliage bear pods of light green color in great abundance. The pods are 4 inches long and usually contain 7 large green peas. It is extra early in maturing.

Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00; 50 lbs. $12.00.

NEW EARLY GRADUS or PROSPERITY—Extremely early; large deep green pods; exquisite flavor. This remarkable pea is not only large and of the best quality, but is within 2 or 3 days as early as the small, round, extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color, measuring 4 inches or more in length, as large as Telephone, well filled with luscious peas, 8 to 10 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking.

Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00; 50 lbs. $13.00.

BLUE BANTAM—This superb pea is unequaled for its extreme earliness, unusual productiveness, and rare quality. The vines are distinctly dwarfed and bear an enormous crop of large, deep, bluish green pods 4 inches long and well filled with 8 or 9 deep bluish green peas of excellent flavor.

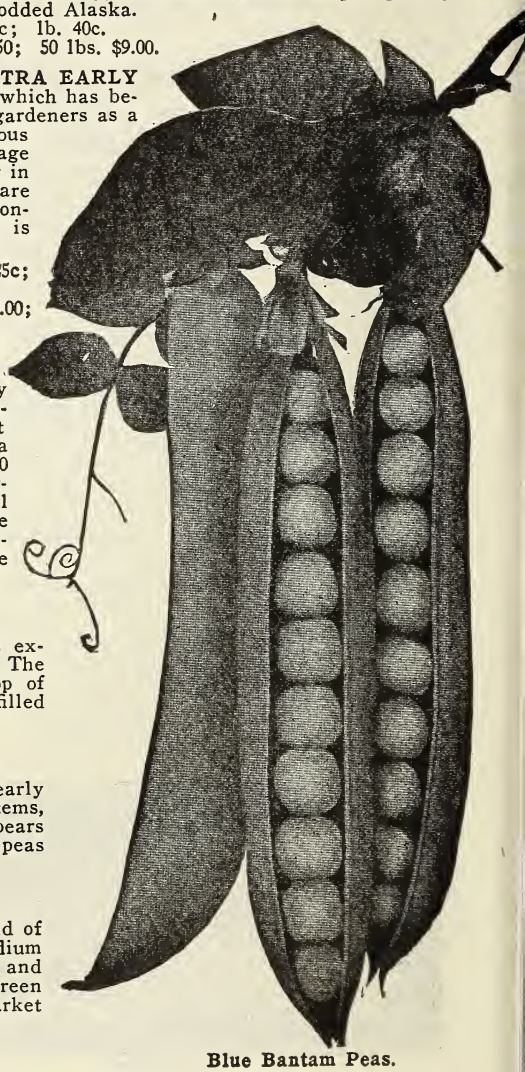
Postpaid—Pkt. 5c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00; 50 lbs. $13.00.

THOMAS LAXTON—Experts consider this the best early variety of wrinkled pea. The strong vine has heavy stems, with large, light green leaves, and grows 3 feet tall. It bears large pods about 4 inches long, well filled with enormous peas of a sweet flavor and delicate tenderness.

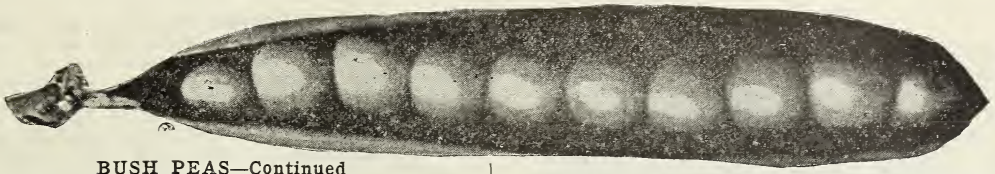
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00; 50 lbs. $13.00.

NOTT'S EXCELSIOR—Early dwarf wrinkled; tender and of fine flavor. Vines average about 12 inches high; pods medium sized, about 2¼ inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. A most desirable sort for the market gardener and unsurpassed for the home garden.

Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00; 50 lbs. $12.50.



Blue Bantam Peas.



BUSH PEAS—Continued

FRENCH CANNER—Choicest Pea for canners; very prolific, bearing in pairs, long curved, well filled pods, kernels small; excellent flavor. Grows about 3 feet tall.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 40c.
Express—Lb. 30c; 10 lbs. $2.50; 50 lbs. $9.00.

McLEAN'S IMPROVED LITTLE GEM—Dwarf and prolific, long well filled pods. This has been for many years the standard dwarf wrinkled pea for the family garden, and are also popular with market gardeners. Strong and vigorous in growth, producing vines from 18 to 24 inches in height; dark foliage. Pods are almost straight, 2½ to 2¾ inches long.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 40c.
Express—Lb. 30c; 10 lbs. $2.75; 50 lbs. $11.00.

DWARF TELEPHONE—An excellent second crop variety, growing only 2½ feet tall. The vines and foliage is dark green and exceptionally vigorous. The pods are dark green and about 4½ inches long; they contain 8 or 9 peas of best quality.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00; 50 lbs. $12.00.

EXTRA EARLY SURPRISE—One of the earliest of wrinkled peas, maturing with Alaska. It grows 2 feet tall; the foliage and pods are of light green color. Surprise or Eclipse is very productive and hardy; it bears peas of unusual sweetness and quality.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00; 50 lbs. $12.00.

Later Varieties—Pole

TALL TELEPHONE—Large pods; prolific; does well everywhere. Immediately productive; finest quality; excellent flavor; vines very strong, growing about 4 feet high, and should be given support; produces an abundance of pointed pods of largest size, often 4½ to 5 inches long, attractive bright green, filled with very large peas which are tender, sweet and of excellent flavor.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00; 50 lbs. $12.00.

CHAMPION OF ENGLAND—Prolific and hardy; small pod but well filled. An old standard wrinkled variety, growing 4 to 5 feet high. The pods are large and the peas tender and sweet. The bearing period is prolonged, it being a hardy grower. Very productive and universally admitted to be one of the richest and best flavored peas; seed light green and much shriveled.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $2.75; 50 lbs. $11.00.

LARGE WHITE MARROWFAT—Good market variety; tall; splendid flavor. Cultivated extensively for the summer crop. About 5 feet high, of strong growth. The pods are large, cylindrical, rough, light colored and well filled; seed large, smooth, round and light yellow.
Postpaid—Pkt. 10c; ½ lb. 20c; lb. 40c.
Express—Lb. 30c; 10 lbs. $2.50; 50 lbs. $9.00.

Salad Peas

MAMMOTH MELTING SUGAR—It is the very best edible pea obtainable. The large broad pods are of delicious sweet flavor, being very brittle and entirely stringless.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00.

DWARF GREY SUGAR—An edible pod pea which grows only 2 feet tall. It is a very prolific bearer of fine quality peas.
Postpaid—Pkt. 10c; ½ lb. 25c; lb. 45c.
Express—Lb. 35c; 10 lbs. $3.00.

Pepper

One ounce will produce 1000 to 1500 plants.

Peppers are very popular in all sections of the South. They are largely used in salads, etc., also the thick fleshed sorts are very fine sliced. The hot sorts add greatly to meats, etc., and are also very valuable for seasoning other dishes. Peppers should be sown early in boxes or hot-beds and transplanted into a loamy, well fertilized situation in rows about 2 feet apart and 18 inches to 2 feet in the row. Cultivate often and thoroughly, continuing until frost, and you will be rewarded with a continuous crop as long as cultivation is kept up. The seed we offer is the very best strain, carefully tested.

PIMENTO—Sweetest pepper grown, a very thick fleshed, heart-shaped, smooth mild crimson variety, much used for salads; very prolific.
Postpaid—Pkt. 5c; oz. 50c; ¼ lb. $1.75.

CHINESE GIANT—Absolutely the largest sort that grows; enormous, sweet flavored pods; thick, crisp flesh of delightful mild flavor. Plants bushy, coming to bear early and growing a large crop of its four-lobed pods. Very few seed. An ideal salad and stuffing sort.
Postpaid—Pkt. 5c; oz. 50c; ¼ lb. $1.75.

RUBY KING—This is a fine variety, growing from 4½ to 6 inches long, and 3 to 4 inches thick. The flesh is very thick, mild and pleasant to the taste. It is a fine sort for stuffing or for pepper hash, and also makes an excellent dish for salad. The growth of its foliage is very distinct, being large leaved and vigorous.
Postpaid—Pkt. 5c; oz. 50c; ¼ lb. $1.65.

MAMMOTH BELL or BULL NOSE—This is the most popular of all sweet varieties; very mild in flavor; flesh very thick. Fine variety for pickling.
Postpaid—Pkt. 5c; oz. 45c; ¼ lb. $1.50.

Pepper continued on next page.

PEPPER—Continued

SWEET MOUNTAIN — Similar to Bell; very popular for stuffed pickles. Sweet and mild flavored. It is very large, smooth and handsome.
Postpaid—Pkt. 5c; oz. 50c; ¼ lb. $1.60.

EARLY NEAPOLITAN—The earliest large pepper. Plants are strong, vigorous and very prolific. The skin and flesh are bright red; they are thick-meated, sweet and mild.
Postpaid—Pkt. 5c; oz. 45c; ¼ lb. $1.50.

GOLDEN DAWN—Color bright golden yellow; very brilliant and handsome.
Postpaid—Pkt. 5c; oz. 65c; ¼ ib. $2.25.

LONG RED CAYENNE—This is a fine, long, slender variety, very hot, bright red, and of exceedingly delicate flavor as a seasoner. It is a good keeper. When fully ripe can be gathered, dried and strung for winter use.
Postpaid—Pkt. 5c; oz. 40c; ¼ lb. $1.50.

RED CHERRY—A small vigorous growing sort, will commence bearing when plants are 6 inches high. The pods are small, round and very hot.
Postpaid—Pkt. 5c; oz. 45c; ¼ lb. $1.65.

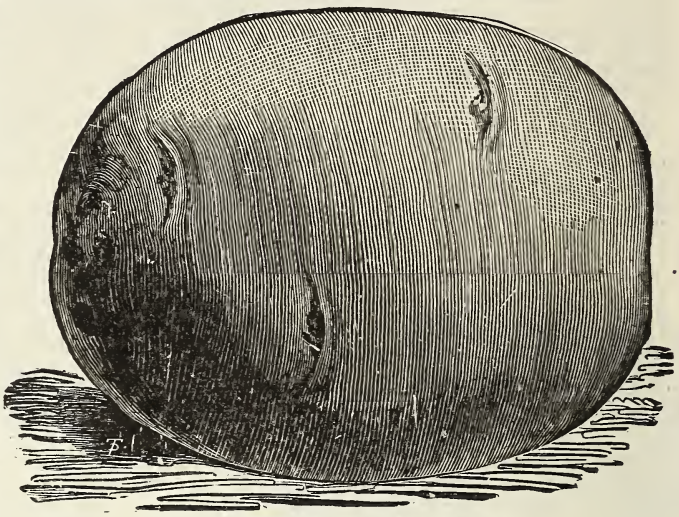
CELESTIAL — Conical fruits, creamy tinted, turning to scarlet when ripe.
Postpaid—Pkt. 5c; oz. 40c; ¼ lb. $1.50.

PEPPER PLANTS—See page 31.

Genuine Maine Grown Seed Irish Potatoes

EARLIER — MORE PRODUCTIVE

The famous Maine grown seed potatoes richly deserve the high favor they have won in America. Under normal growing conditions, seed from this source yield an abundant crop of tubers, true to type and of superior quality. Potatoes planted in many sections soon "run out," become watery and yield poorly; the Maine seed always reproduce a good yield of delicious mealy tubers. Our stock is grown and selected for seed by a reliable expert in Maine; each bag will have the government inspector's tag, showing that they have been inspected and are free from scab.
Six to 10 bushels will plant an acre.



Maine Grown Early Rose Potatoes.

THE IRISH COBBLER—Gardeners both large and small are enthusiastic in their praise of this excellent variety. This handsome white potato is extremely early, maturing fully 10 days earlier than Early Rose. The tubers are smooth, round and plump, with creamy white skin evenly and slightly netted, an indication of distinctive quality. The eyes are strong, well developed, and but slightly indented.
Price—Peck 85c; bushel, about $2.85; 10-peck bag $6.90.

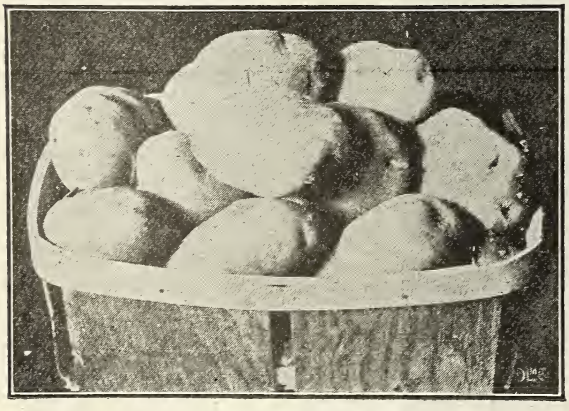
PEERLESS—This is one of the most productive varieties on the market. The large tubers are white, round, and of fair quality. This also is a good keeper.
Price—Peck 85c; bushel, about $2.85; 10-peck bag $6.50.

Plant first crop of Early Rose the last week in February. Irish Cobblers and Green Mountain can be planted as late as August with excellent results.

EARLY ROSE—An old time favorite, extra early in maturing, productive, and of excellent quality. Next to the Irish Cobbler, we sell more Early Rose, since it is a most satisfactory all-around early variety. Maine grown stock of this variety is especially productive and of fine quality.
Price—Peck 85c; bushel, about $2.85; 10-peck bag $6.90.

TRIUMPH or RED BLISS (Maine Grown)—An extremely hardy red skinned variety, nearly round, eye deeply indented, white flesh. Produces large fine potatoes of good quality.
Price—Peck 75c; bushel, about $2.85; 10-peck bag, $6.90.

GREEN MOUNTAIN—A reliable medium late variety which is universally popular. It thrives in all soils and in all sections, producing a heavy yield of large, smooth, white skinned tubers. There is no variety superior in quality to Green Mountain; it has a delightful dry mealy flavor when cooked. A good variety to store for winter use.
Price—Peck 85c; bushel, about $2.85; 10-peck bag $6.90.



Irish Cobbler Potatoes.

The prices of potatoes fluctuate; the values quoted here are those prevailing during November, and are only approximate. Write us stating quantities and varieties you are interested in and we will quote you attractive prices. Be sure to plant Maine grown seed.

We carry the leading varieties of late potatoes in cold storage for June and July planting. They keep in perfect condition. If you desire any of these for late planting, write us and we will be pleased to quote you prices at which we will reserve potatoes for you for Fall planting.

Pure Bred Pumpkin Seed

One ounce will plant 25 hills; 2 to 3 lbs. to acre. Pumpkins are rapidly growing in favor throughout the South. The larger and coarser sorts make excellent stock food, while the majority of the sorts make excellent pies and are also used in a number of other ways.

Pumpkins may be planted most any time during spring and early autumn in hills 10 to 12 feet apart among corn rows, or in the open. They produce the best crops in deep loam, but are not particular about the soil, if the same has been well fertilized. Potash in some form is essential to their fullest development.

The pumpkin seed listed in this catalogue should not be compared with ordinary field stocks with no identity gathered up here and there. Our stocks have been as carefully grown and selected as the most sensitive garden or flower seed, and we have priced them at the lowest possible figure.

Kentucky Field Pumpkin.

KENTUCKY FIELD—A very popular Southern sort; large and flattened. A wonderful keeper; a good stock variety; also a valuable eating and pie sort. Skin mottled light green and yellow changing to a creamy yellow when they mature. Flesh yellow, tender and of excellent quality.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

CANDY ROASTER—This variety, as well as we know, is being grown exclusively in Western North Carolina. It is a hybrid between the Pumpkin and Winter Squash. The meat has a sweeter flavor than either. When first stewed, then put in a pan, putting spice and sugar on it and baking or roasting, it has the flavor of "candied" sweet potatoes. It is also often cut up in small pieces and put in the stove and baked or roasted. After sprinkling sugar over it the rind has a brownish-gray color, sometimes mixed with the orange yellow. Seeds are large, with a polish, and hard surface.

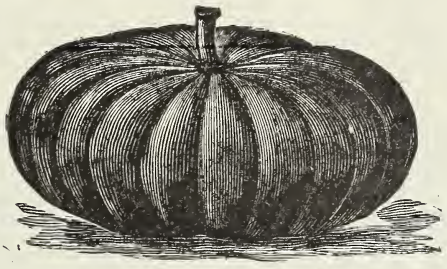
Seed limited. Price—Pkt. 10c; oz. 25c; ¼ lb. 85c.

TENNESSEE SWEET POTATO—Of medium size and nearly bell shaped, with neck slightly crooked. The creamy white skin is sometimes slightly green striped. The flesh is of creamy white color, deep, fine grained, and of unsurpassed quality for stock feeding or making pies.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.50.

LARGE CHEESE PUMPKIN—This is one of the best late varieties. The skin is of a bright orange and the flesh yellow and sweet. It is also a good keeper, and very fine for wintering stock.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.



Sugar or Pie Pumpkin.

SUGAR or PIE—It is deeply ribbed. The outer color of the skin is dark green—almost black. It is not a large pumpkin, but one of the sweetest and best for pies. It is fine grained deliciously sweet, and a very good keeper; the flesh is rich, deep orange yellow in color.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. $1.10.

KING OF MAMMOTH—This is the largest pumpkin in the world, and has been known to reach 250 pounds in weight. It is of grayish yellow color, and is only grown for stock feeding or as a curiosity.

Postpaid—Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.75.

GREEN STRIPED CUSHAW—This is one of the finest pumpkins in existence, a long, crooked neck, terminating in a round or oblong end, enclosing a very small seed cavity; flesh surrounding seed cavity very thick. The neck is absolutely solid, rivaling the finest sweet potatoes for baking, or as a pie sort it has no equal. A splendid keeper.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.50.

GOLDEN YELLOW or YELLOW CUSHAW—Similar in every way to the Green Striped Cushaw, except in color, being a dark golden yellow. Very sweet.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.50.

King of Mammoth Pumpkin.

Radish

One ounce sows 100 feet of drill; 9 to 10 lbs. to an acre.

Culture—For an early supply sow in a hot-bed in February, care being taken to give abundant ventilation to prevent running to leaves. For open-air culture and succession, sow from middle of March until September at intervals of ten days. Radish do best in a rich loamy soil and must be cultivated often and thoroughly, as it is very important to mature the crop quickly, to retain their crisp, tender quality.

RAPID RED—The quickest growing round red radish! Some of our customers report the remarkable fact that they grew some of these radish large enough to eat in 12 to 15 days, while the average time of maturing is from 18 to 20 days from planting. The radishes are perfectly round; three-quarters of an inch in diameter, with thin bright red skin, firm white flesh, crisp and mildly pungent; leaves short and small.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.25.

EARLY SCARLET TURNIP—An old, well-known variety; bright scarlet, solid white flesh, excellent eating.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

EARLY SCARLET GLOBE—This variety is one of the finest for forcing and market gardening purposes. Shape roundish oval; large, brilliant red; flesh white, solid, crisp and very mild; tops small.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

GLASS, or CINCINNATI MARKET—It is very early and is splendid for forcing or open ground. Tops small; they grow straight and smooth from 4 to 7 ins. long. Skin scarlet colored, very thin, and flesh crisp, brittle and of delightful flavor.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

ROSY GEM—This radish is not only very showy, but of the finest quality, and is sure to become popular, not only with the home gardener, but with the market gardener as well. It is of the same type as the Scarlet Turnip White Tip, but larger and showing more white, particularly the whole lower portion being white and the upper part deep scarlet.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c.

FRENCH BREAKFAST—A medium size radish, half long stump rooted, small top, quick growth and tender. Excellent variety for the table.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

LONG WHITE ICICLE, or LADY FINGER—Also called White Vienna. A beautiful transparent white variety, about 3 inches long, and ½ inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing. The best white radish.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

RHUBARB ROOTS

Do best in a moist or shady place, set out early in the spring or fall in deep well-worked soil, 4 feet apart each way. Mix freely with manure or coarse litter.
Postpaid—Large roots, 30c each; $3.25 per doz.
Express, not prepaid—Each 25c; $2.50 per doz.

Rapid Red Radish.

CRIMSON GIANT—This new variety, introduced some time ago, differs radically from all other existing sorts. Its roots attain more than double the size of those of other globe varieties, without becoming pithy or hollow. The new Giant develops 6 or 7 inches around, weighing over an ounce, their pure white flesh remaining firm, crisp and of mildest flavor. The roots are almost perfect globes, of a deep crimson color.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

FALL OR WINTER VARIETIES

ROUND BLACK SPANISH WINTER—This is a large, black-skinned Radish. Flesh white, firm.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. $1.00.

LONG BLACK SPANISH WINTER—Like Round Black Spanish in Winter, but the roots are longer and perhaps slightly milder in flavor.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 95c.

CHINESE ROSE WINTER—(Scarlet Chinese). One of the very best for fall and winter use, and popular with market gardeners. Bright rose color; flesh white and firm, of superior quality.
Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 95c.

Mammoth Salsify.

SALSIFY, or OYSTER PLANT

One ounce sows 50 foot row; 3 to 4 lbs. to acre.

Culture—This plant succeeds best in a light, well enriched soil, which, previous to sowing has been stirred to a depth of 12 to 14 inches. Make drills about 3 inches deep and from 18 to 24 inches apart; sow seed in drill about 1 to 2 inches. When plants are 3 inches high, thin to 3 inches apart.

MAMMOTH SALISFY—(See Cut) This is a great improvement in the salisfy plant. The roots are much larger, less stringy and more delicately flavored. The most popular market sort.
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. $1.85.

Spinach Seed

One ounce sows about 100 feet of drill; 10 to 15 pounds per acre in drills.

This is a very important crop in our market gardens, and is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use the entire season. The main crop is sown in September, but for summer use it may be sown at intervals of 2 or 3 weeks from April to August. The fall sowings should be covered, when in exposed places, only with straw or litter during the winter to prevent frosting. Spinach is most tender and sweet when grown in rich soil; it finds a ready and profitable market.

BLOOMSDALE SAVOY LEAVED — (Norfolk Savoy). This very early and hardy variety is the popular favorite of the market gardener and the canner. The plant grows upright, the crumpled leaves are medium in size, and of beautiful dark green color, crisp, and tender. In extremely hot weather it has a tendency to go to seed, but for fall planting it is a very superior variety. Crop failure; supply limited.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c.

LONG STANDING—Many varieties suffer in hot weather, running to seed. Long Standing Spinach is peculiarly adapted for withstanding hot weather. The plant is small, with lustrous green leaves which are short, broad, very thick, and of such substance that little bulk is lost in cooking. It has unequaled flavor and tenderness.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c.

VICTORIA—The foliage is heavy, the broad dark green leaves being of fine savory appearance and of superior quality. It remains in prime condition from 2 to 3 weeks after nearly all other varieties have run to seed.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c.

NEW ZEALAND—The stems and leaves are soft, thick, and fleshy, and of a crystalline appearance. The plants are heat resisting, and make vigorous growth in summer even during hottest weather. Only the leaves are used for greens, but they make delicious greens all summer. New Zealand Spinach is killed at first frost.

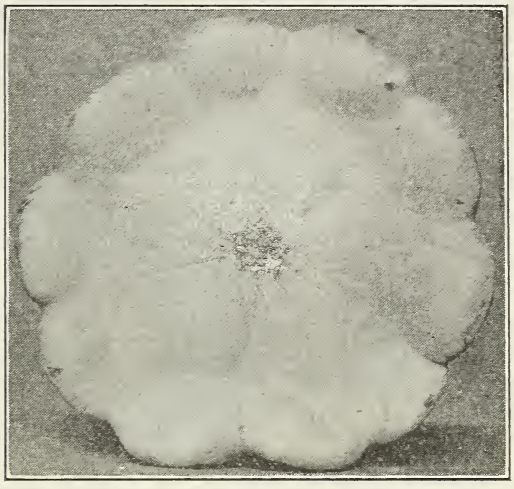
Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. $1.00.

New Zealand Spinach

Squash

One ounce plants 25 hills; 3 to 4 pounds to an acre.

Culture—Plant in hills after danger of frost is past in a warm, well-pulverized, rich soil. Hills for bush varieties 4 feet apart, running sorts 8 feet apart.



White Bush Scallop Squash.

Early Summer Varieties

MAMMOTH WHITE BUSH—The fruit is a beautiful clear wax white, instead of a yellowish white, so often seen in the old stock, and is much larger.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.50.

EXTRA EARLY WHITE BUSH OR PATTY PAN—Of a light green color. Early, very prolific, a nice size; very popular for shipping, for nearby markets and home use.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.50.

GIANT SUMMER CROOKNECK—It's the best summer squash, and is as large as the ordinary Summer Crookneck, far more warty and several days earlier. This combination of earliness, large size and wartiness, which adds so much to its attractiveness, makes it altogether the most desirable squash for the market and private garden. Color, a rich golden yellow.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.60.

Winter Varieties

CHICAGO WARTED HUBBARD—This seems to be, by all odds, the best strain of Hubbard Squash we have ever known. Some of its good points are large size, dark green, almost black color, all looking alike, and withal distinguished by a dense covering of knots ("warts"); thick fleshed, of first-class quality; a good keeper.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. $1.75.

FORDHOOK—This squash can be either used as a summer or winter variety. Color bright yellow, meat thick and good quality.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.50.

DELICIOUS—Very similar to the Hubbard, but of much superior flavor and a more reliable cropper. We can recommend this variety to make the most desirable fall and winter squashes.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. $1.75

BOSTON MARROW—Early fall sort; rich orange color, excellent flavor.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.50.

MAMMOTH CHILI—Favorite variety for exhibition purposes. Attains an immense size. Excellent for stock. Can also be used for the table, as the flesh is fine-grained and of good flavor.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.50.

Choice Tomato Seed

One ounce of seed will produce about 2,000 plants.

Culture—For early use, sow in February or March, in a hot-bed or in boxes, which should be placed near a window. When the seedling are about 2 inches high, transplant in 2 or 3-inch pots, or in rows 4 to 5 inches apart, keeping the temperature at about 60 degrees. Subsequent transplanting will make the plants stocky and strong. Do not set them in the open ground until all danger from frost is past. Then plant into a warm, sunny location, 3 feet apart each way, and water freely until they are well established.

No vegetable occupies the prominence and infinite care, selection, etc., in the seedman's time and business as the tomato. The strains and selections of the country in which the seed crops are grown have so much to do with the general quality of the crop that the growing of tomato seed must be done with the greatest care. With this in view, we spare no expense in having our seed produced under the supervision and care of experts in this line. You cannot buy a better seed at any price.

RED ROCK—(Bright red). A wonderful main crop variety, producing large, solid, bright red tomatoes, free from an excess of water, as smooth as an apple, of superior texture and flavor, an enormous cropper and an excellent shipper. The vine is a vigorous grower which protects the fruit from sunscald. Very good for home or market use, and for canning it is unexcelled.

Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.50.

CHALK'S EARLY JEWEL—Unsurpassed for the home garden. The plants are of strong, robust growth, with ample foliage to protect the fruits from sun, and not liable to blight. The bright scarlet fruits are smoothly round, very deep, and solidly meaty. It is a heavy cropper, with tomatoes of large size and sweet flavor.

Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 90c; lb. $3.00.

SPARK'S EARLIANA—Very early fruit; borne in clusters. A particularly profitable tomato for market gardeners. Vine small but vigorous and productive. Fruits deep scarlet, large, nearly round and exceptionally smooth for so early a variety. The fruit is borne in clusters near the base of the plant and the bulk of the crop ripens very early. Valuable for early market; medium size, color a glossy red with purplish tinge.

Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 90c; lb. $3.25.

LIVINGSTON'S BEAUTY—The best all-round tomato; exceedingly early, large, smooth and remarkably prolific. It is grown more largely by truckers and market gardeners than any other sort. The variety is of glossy, crimson color, with slight tinge of purple; skin tough; good keeper and shipper.

Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. $3.00.

EARLY ACME—Early and prolific. The fruits are of good size, almost round, and of a beautiful purplish pink color. This sort is always smooth, ripening all over at the same time, juicy and excellent in flavor. A popular one with truckers and market gardeners.

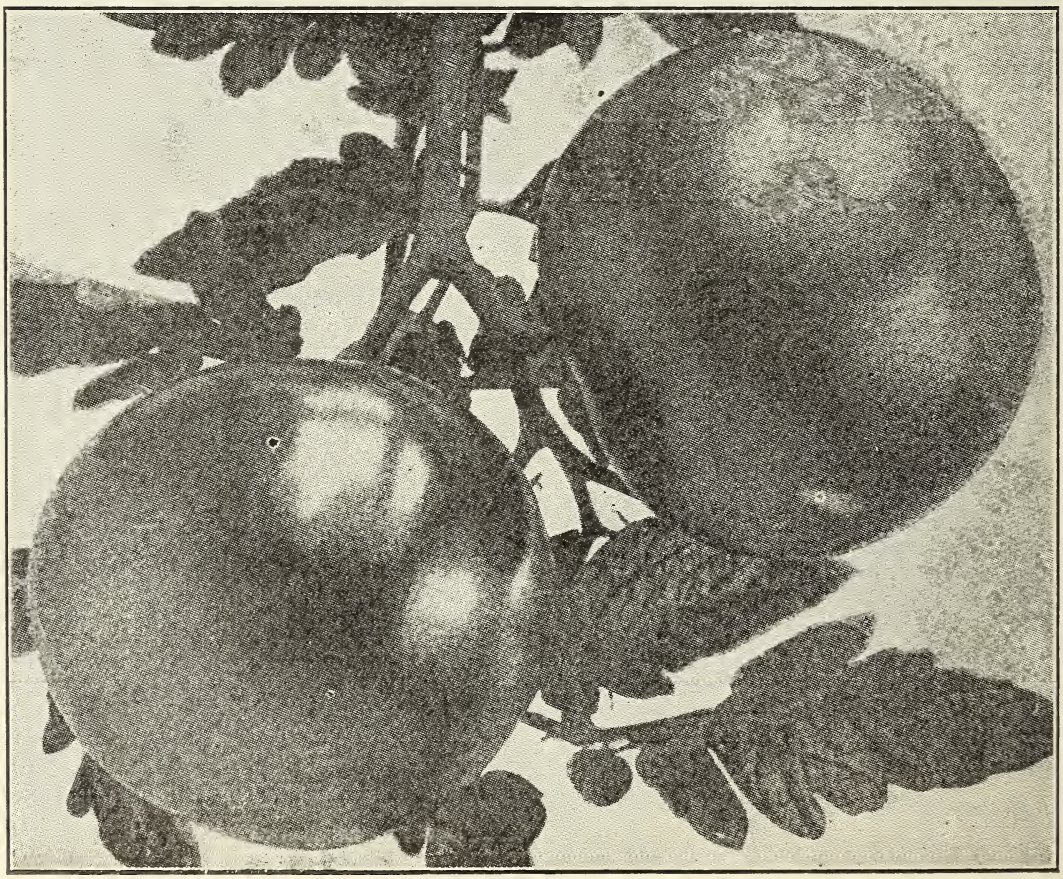
Postpaid—Pkt. 5c; oz. 30c; ¼ lb. 90c; lb. $3.25.

JUNE PINK—Extra early; good shipper. An extra early, purplish-pink tomato, similar to the popular scarlet fruited Earliana in growth of vine, shape and size of fruit and time of maturing. This is a variety of exceptional value to market gardeners.

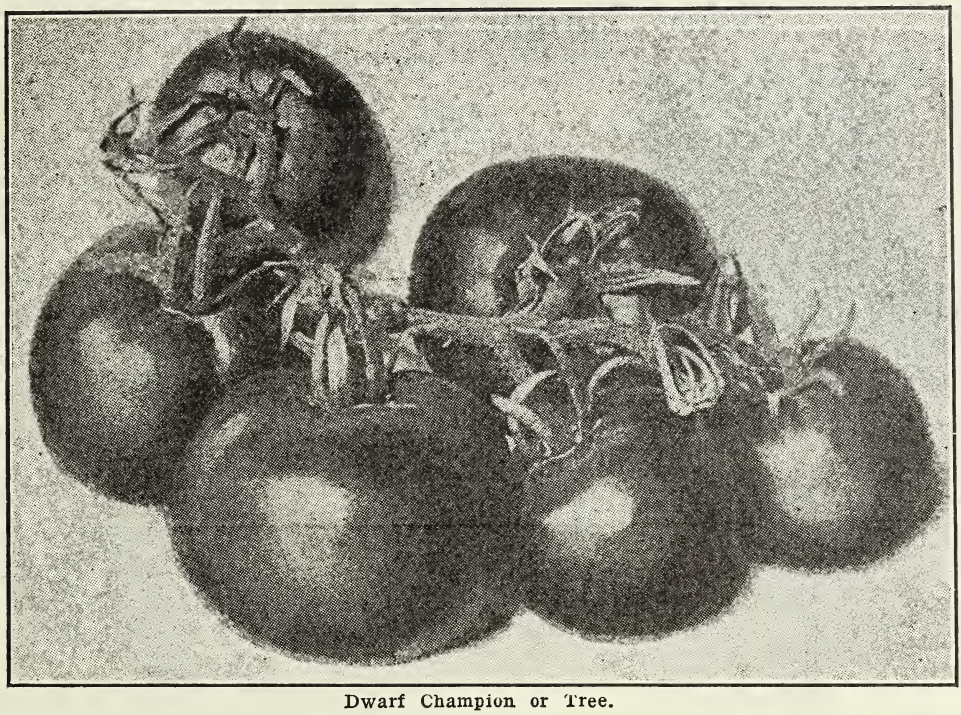
Postpaid—Pkt. 5c; oz. 30c; ¼ lb. $1.00; lb. $3.50.

STONE—One of the most valuable all-round sorts on our entire list. The fruit is large, of dark brick red color, fleshy and is not subject to rot like some varieties; nor does it ever have a green core. We can especially recommend it for a late crop, and very desirable for canning.

Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. $2.60.



Bonnie Best Tomatoes.



Dwarf Champion or Tree.

Ponderosa

Unquestionably one of the largest tomatoes grown. The vines are vigorous, producing a very large stalk and an unusually thick stem, which is accounted for in the great size and weight of the fruit. It is one of the best flavored sorts grown, almost solid, and contains scarcely any seed. The fruit, when ripe, is cardinal red, and on account of its compact structure will keep longer than any other sort.

Postpaid—Pkt. 5c; oz. 60c; ¼ lb. $2; lb. $6.00.

BRIMMER—This fine variety has the smooth and firm characteristics of Stone, and the size and fine qualities of Ponderosa. It is almost seedless.

Postpaid—Pkt. 10c; ¼ oz. 25c; ½ oz. 45c; oz. 75c.

GOLDEN QUEEN or YELLOW TROPHY—A bright orange yellow sort; makes large, handsome smooth tomatoes of fine quality; medium late.

Postpaid—Pkt. 5c; oz. 30c; ¼ lb. $1.00; lb. $3.60

JOHN BAER—A remarkable new variety of the extra early red or scarlet type. Maturing a few days after Earliana, John Baer yields a much heavier crop of more uniform and more attractive tomatoes. It is more profitable to grow than any other early sort.

Postpaid—Pkt 10c; oz. 30c; ¼ lb. 90c; lb. $3.25.

YELLOW PEAR SHAPED—A small Italian variety, producing its fruit in great clusters, shaped like a pear. Desirable for pickling and preserves.

Postpaid—Pkt. 5c; oz. 35c; ¼ lb. 90c; lb. $3.00.

DWARF CHAMPION or TREE—Second early; medium size; upright grower. A second early, purple-pink variety, especially desirable where garden space is limited. Vine about 2 feet high, vigorous, upright, and compact growing. Fruits medium sized, exceptionally smooth and of very good quality.

Postpaid—Pkt. 5c; oz. 30c; ¼ lb. $1.00; lb. $3.60

DWARF STONE—Plants are strong and vigorous, of typical dwarf growth. The fruits are produced in many clusters of 3 or 5 tomatoes, averaging 2½ inches in diameter. They are bright scarlet, very smooth, firm, and solid; and the fruits have solid, meaty center with no core. The quality is unsurpassed.

Postpaid—Pkt. 5c; oz. 30c; ¼ lb. $1.00; lb. $3.60.

BONNIE BEST—An elegant sort for home market or shipping on account of its even size and fine keeping qualities. Large smooth fruit of a rich scarlet red, which is the color demanded by many markets. Fruit smooth, uniform, thick with small core, an excellent tomato for any purpose. Slices exceptionally well. Fruit borne in clusters of 5 or 6, all ripening evenly together.

Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 90c; lb. $3.25.

TOMATO PLANTS—See page 31.

Tobacco Seed

One ounce will sow a bed of 50 yards.

The seed should be sown as early as possible after danger of frost is over. When the plants are about 6 inches high, transplant into rows 4 or 5 feet apart each way.

Most of the tobacco used is grown in the South. North Carolina and Virginia soils produce tobacco easily and profitably. From a packet to an ounce will supply most anyone. Then why not save money and raise your own tobacco?

WHITE BURLEY—The best filled tobacco known, on account of its absorbing qualities. Has a long, wide leaf, very porous, makes bright reds; fine for plug fillers and wrappers. Best adapted to limestone soils.

Postpaid—Pkt. 10c; oz. 60c; ¼ lb. $2.25; lb. $7.00.

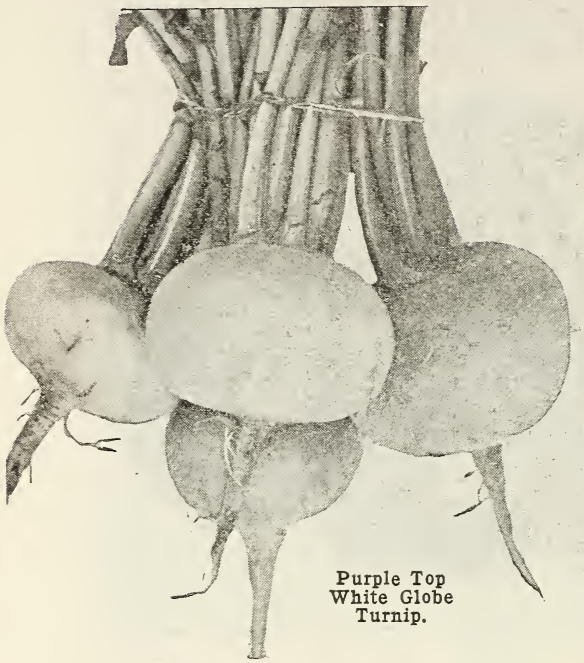
SWEET or LITTLE ORONOKO—Makes the finest fillers and the best natural chewing leaf. Cures a rich red; long and narrow leaf; tough and waxy. Best adapted to rich red and gray soils.

Postpaid—Pkt. 10c; oz. 60c; ¼ lb. $2.25.

CHOICE HAVANA—An Americanized Havana, used for cigar purposes, although sometimes used as a manufacturing sort. Has a very large, long fine quality leaf; very early, making two crops a season in some sections. Best adapted to chocolate or rich gray soils.

Postpaid—Pkt. 10c.

Select Turnips and Rutabagas



Purple Top White Globe Turnip.

Purple Top White Globe

Of a perfect globe shape about 6 inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and is fine for the market.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

LONG WHITE or COW HORN—Slender, tapering roots, 6 to 8 inches in length, measuring 1½ to 2 inches in diameter. The roots grow half their length above the surface, and are pure white with crisp, sweet flesh. Its matured growth is similar to a cow's horn.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

LARGE YELLOW or AMBER GLOBE—The flesh is beautiful yellow, very fine grained and very sweet. It will grow to very large size in the South; is one of the very best keepers for winter use.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.

PURPLE TOP YELLOW ABERDEEN—The sweetest of all yellow-fleshed turnips. This famous foreign variety, resembling in shape a finely formed rutabaga, is splendid for stock feeding as well as table use.

Postpaid—Pkt. 5c; oz 10c; ¼ lb. 25c; lb. 70c.

EXTRA EARLY PURPLE-TOP MILAN—A white variety, purple top and strap leaf. This, with the White Milan, is the earliest of all Turnips. Remains in good condition a long time.

Postpaid—Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.25.

EARLY FLAT DUTCH STRAP LEAVED—Matures only a week after the earliest Milan, but keeps much longer in fine condition. The skin is pure white, the flesh is mild, juicy, and of best table qualities.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.

One ounce for 50 ft. row; 2 lbs. to acre in rows.

Culture—Most varieties can be planted in April or May when wanted for early summer use, though for main crop, seed should not be sown until July or August. Plant in rows 12 to 15 ins. apart, covering ½ inch deep. When well started, thin out to about 4 of the best plants to a foot of row. Cultivate thoroughly and often. Successive plantings may be made to have fresh turnips throughout the summer.

Red or Purple Top Strap Leaved

Early; heavy cropper; good keeper. Fine grained and never stringy or tough; leaves are few and upright in growth. Roots flat, medium size, white below ground and purple or dark red above. Flesh white. Roots are in best condition for the table when 2½ to 3 inches in diameter. When grown much larger they should be fed to stock.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.

EARLY WHITE EGG—A very excellent quality. Nearly oval or egg-shaped. Flesh firm and fine-grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for the table. Can be sown as late as middle of August.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.

LARGE WHITE GLOBE—Very productive; in good soil roots frequently grow from 10 to 12 lbs. Good for table or stock-feeding.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Rutabagas

Rutabagas, Swedish or Russian Turnips, are extensively grown for a farm crop. The roots are close-grained, hard, and will endure a considerable degree of cold without injury if preserved in a pit or cellar during the winter. Rutabagas are superior to any other vegetable root grown for cattle, horses and sheep. The animals thrive and fatten on rutabagas, carrots, and mangels fed in combination with hay.

IMPROVED PURPLE TOP YELLOW—This is the standard all-purpose sort; very hardy, producing well-formed, solid sweet flavored roots. Leaves quite small; very small neck.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

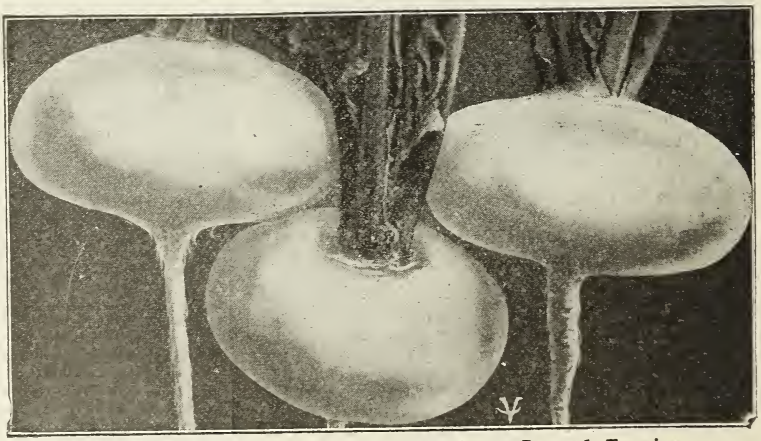
Salad Turnips

SEVEN TOP—Does not produce a good root, but is extensively grown in the South for the tops, which are used as greens. Very hardy and will grow all winter.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.

DIXIE LAND or SOUTHERN PRIZE—Finest winter turnip grown; identical with the Seven Top, except it makes a very fine, large white turnip.

Postpaid—Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.



Early Flat Dutch and Purple Top Strap Leaved Turnips.

Herbs

Aromatic and Medicinal

Most every family grows around the yard or garden one or more herbs of some variety. They are a class of plants deserving of larger cultivation. Some of them are annuals, mature and seed every season and must be planted every year; while others are perennial in character, do not have to be planted every year, but make new growth from the old roots.

ANISE—A hardy annual, largely used as a medicinal herb.
Postpaid—Pkt. 5c; oz. 20c; ¼ lb. 60c.

BALM—A perennial herb, easily propagated from the root or seed.
Postpaid—Pkt. 10c; oz. 35c.

SWEET BASIL—A hardy annual, easily grown; seed and stems have a pungent flavor like cloves.
Postpaid—Pkt. 5c; oz. 20c.

CARAWAY—The plant is largely cultivated for its aromatic seed, which are used to a great extent in bread and other pastry.
Postpaid—Pkt. 5c; oz. 15c.

BORAGE—A hardy annual; leaves an agreeable odor and flavor.
Postpaid—Pkt. 5c; oz. 20c.

CATNIP—A hardy perennial; easily propagated from roots or seed. Valuable medicinal plant.
Postpaid—Pkt. 10c; oz. 50c.

CORIANDER—An annual, easily grown from seed. It is cultivated for its aromatic seed.
Postpaid—Pkt. 5c; oz. 15c.

DILL—An annual, largely cultivated for its aromatic seed, which are used for flavoring pickles, etc. Used as a medicine for colic in children.
Postpaid—Pkt. 5c; oz. 15c.

SWEET FENEL—A perennial, grown for its leaves, which are used for flavoring soups, etc.
Postpaid—Pkt. 5c; oz. 15c.

HOREHOUND—Valuable perennial herb, largely used in cough medicine.
Postpaid—Pkt. 5c; oz. 30c.

LAVENDER—A hardy perennial, grown mostly for its perfume.
Postpaid—Pkt. 5c; oz. 30c.

SWEET MARJORAM—A tender perennial, used for its delicate flavor.
Postpaid—Pkt. 5c; oz. 50c.

ROSEMARY—A hardy perennial, grown for its fragrant odor and aromatic, bitter taste.
Postpaid—Pkt. 5c; ½ oz. 50c; oz. 85c.

SAGE—A hardy perennial, widely grown from seed. Grown for flavoring meats, sausages, etc.
Postpaid—Pkt. 5c; oz. 50c; ¼ lb. $1.75.

SUMMER SAVOY—An annual, grown largely for flavoring soups, etc.
Postpaid—Pkt. 5c; oz. 30c.

TANSY—A hardy perennial, grown for its medicinal uses.
Postpaid—Pkt. 5c; oz. 25c.

THYME—A perennial, grown both for its medicinal virtues and its flavoring qualities.
Postpaid—Pkt. 5c; ½ oz. 50c; oz. 85c.

Gourds

TENDER ANNUAL CLIMBERS—Plant in hills after the danger of frost is past, and cultivate as you would cucumbers or squash, leaving 2 or 3 plants to a hill. They may be trained over lattice work, fences, to poles, etc. Dried shells of these fruits are quite useful for household purposes.

DIPPER GOURD—Makes a light, convenient dipper. When grown on the ground, the stems will be curved, while if raised as a climbing vine the weight of the blossom end will cause the blossom end to grow straight.
Postpaid—Pkt. 10c; oz. 25c.

SUGAR TROUGH GOURD—Grows very large. The shell, when dried, is thick and hard, extremely light, but very durable. Used for buckets, large dishes and many other household purposes.
Postpaid—Pkt. 10c; oz. 35c.

JAPANESE NEST EGG GOURDS—Grows almost uniformly to the size, color and shape of a hen's egg. The shells are hard and make the very best of nest eggs. They are also useful for stocking darners.
Postpaid—Pkt. 10c; oz. 35c.

CHOICE MIXED GOURDS—Pkt. 5c; oz. 25c.

Summer-Flowering Bulbs and Roots

There is nothing in floriculture which, to the amateur will be attended with as great satisfaction or give as grand results, as the cultivation of this class of flowering plants. Set out in early spring, they bloom all summer. No matter if planted solely to beautify the home grounds or cultivated by the small boy as his first step to profitable floriculture, the returns will be equally gratifying. **They are of easiest culture, inexpensive, and require scarcely any care.** Most of these bulbs should be taken up before severe frost and stored away in a frost-proof cellar, if possible in dry sand, to preserve for replanting the following spring.

PEONIES

Peonies may be planted in spring as soon as the frost is out of the ground. Put only two or three inches of soil over the crown, deep planting is often cause of shy blooming. Do not transplant for at least five years. We have large clumps in the following colors: Red, Pink and White, 40c each; 3 for $1.15.
Write for our Fall Bulb Catalogue.

THRIFTY CANNA ROOTS

AUSTRIA—Lemon Chrome yellow, green foliage, 5 ft.

CHAS. HENDERSON—Crimson; green foliage, 4½ ft.

KING HUMBERT—King among cannas, coppery scarlet, bronze foliage, 4 ft.

YELLOW KING HUMBERT—Golden yellow; dotted red, green foliage, 4½ ft.
15c each; 3 for 40c; $1.50 per dozen.

HARDY CHRYSANTHEMUMS

Pink, White, Red, Yellow.
20c each; 3 for 55c; $2.10 per dozen.

Dahlias

The principal requirements of the Dahlia are a sunny location, liberally manured soil, plenty of room, and the surface kept light by hoeing or cultivating; when plants are well advanced, feed with pulverized manure. We carry the following double sorts:

A. D. LIVONIA—(Show). Clear cerise pink quilled petals. Great favorite.

WHITE SWAN—(Show). Pure White. Very large.

QUEEN VICTORIA—(Show). Rich Golden yellow, quilled petals.

RED HUSSAR—(Show). Richest dazzling cardinal red.

LYNDHURST—Decorative. Brightest Vermillion.

JACK ROSE—A double decorative Dahlia of immense size and rare beauty, rich velvety crimson.

Price—25c each; 3 for 65c; $2.25 per dozen.
By mail—30c each; 3 for 75c; $2.35 per dozen.

MELODY—(Decorative). "A lovely flower without a fault." One of the finest, being of splendid regular form with full high center and reflexed outer petals. Color clear canary yellow, tinting to creamy white at tips; an effect so delicate and pleasing as to suggest the name.

Strong roots, 35c each; 3 for $1.00; $3.00 per dozen.
By mail—40c each; 3 for $1.10; $3.20 per dozen.

MRS. ROOSEVELT—Lovely shade of enchantress pink, flowers of a giant size, borne on long stems, very vigorous.

50c each; 3 for $1.35; $4.75 per dozen.
By mail—55c each; 3 for $1.45; $4.95 per dozen.

VARIEGATED LISZT—Dark Oriental red, with yellow tips and markings. A superior variety for decorations, especially where a bronzy effect is wanted (double show).

Price—25c each; 3 for 65c; $2.25 per dozen.
By mail—30c each; 3 for 75c; $2.45 per dozen.

CANARY—Paeony flowered, pure canary yellow of very largest size; an early, free and continuous bloomer on long slender stems.

30c each; 3 for 85c; $3.25 per dozen.
By mail—35c each; 3 for 95c; $3.45 per doz.

BARON G. DE GRANCY PAEONY—Flower almost pure white; a flower of excellent type, perfect form and purity of color.

30c each; 3 for 85c; $3.25 per dozen.
By mail—35c each; 3 for 95c; $3.45 per dozen.

CACTUS DAHLIAS

FAIRY QUEEN—Pure white of beautiful form, very long, narrow, quilled in curved petals.

BRUNHILDE—Deep cerise pink, tinting to creamy pink at center. Flowers keep long time after cutting.

GENERAL BULLER RICE—Velvety maroon, shading to crimson tipped white.

LIBELLO BEAUTIFUL ASTER—Purple, very effective.

FAUNUS—Yellow, shading to rosy scarlet, long pointed petals, a beautiful flower.

25c each; 3 for 65c; $2.25 per dozen.
By mail—30c each; 3 for 75c; $2.45 per dozen.

SINGLE CENTURY DAHLIAS

ROSE PINK—The largest and best deep pink.

20th CENTURY—Early in season, a rosy crimson, shading to white tips, by October nearly white with pink blotch in center.

ECKFORD CENTURY—Immense flower, white suffused pink spotted and penciled crimson.

YELLOW CENTURY—Magnificent yellow of largest size.

CACTUS AND CENTURY DAHLIAS—25c each; 3 for 65c; $2.25 per dozen.
By mail—30c each; 3 for 75c; $2.45 per dozen.

Tuberoses

Delightfully fragrant; fine for bouquets. Plant when the ground gets warm or start in pots or in hot-beds and set outside in May. Give plenty of water.

EXCELSIOR PEARL—Mammoth Bulb, 12c each; 4 for 40c; dozen, $1.15, postpaid. By express, 10c each; 4 for 35c; dozen, $1.00; 100 for $7.00.

SINGLE or ORANGE FLOWERED—Blooms earlier than the Excelsior Pearl, single flower, orange tinted.

Price—$1.00 per doz. If by mail, $1.10 per doz.

Caladiums

ELEPHANT'S EAR—A very effective plant for beds or groups, especially in lawns. To have the best results they must have an abundance of water and plenty of rich manure. When full grown, they stand 6 to 8 feet high, and bear immense light-green leaves 3 to 4 feet long by 2 to 2½ ft. wide.

FIRST SIZE BULBS—11 to 13 inches in circumference. Postpaid—30c each; $3.10 per dozen.

SECOND SIZE BULBS—8 to 11 inches in circumference. Postpaid—20c each; $2.10 per dozen.

Melody, Decorative Dahlia.

Gladiolas

Attractive and easily grown summer bloomers, giving gorgeous effects in mixed beds, massed in large clumps and when planted in clusters among shrubs. For a succession plant at intervals from April till June. Plant 6 inches apart and 4 inches deep.

MIXED GLADIOLAS—Our mixtures cover a wide range of colors. Extra large
Postpaid—7c each; doz. 65c; 100, $4.40.

BARON J. HULOT—Dark velvety purple.

MRS. FRANK PENDLETON — Salmon pink, with rich carmine blotches in the throat.

MRS. WYATT—American beauty rose color.

MYRTLE—Tender and delicate rose pink.

PANAMA—Rich Salmon pink; large flowered.

AMERICA—Soft lavender pink.

MRS. FRANCIS KING — Brilliant flaming pink blazed with vermillion red.

CHICAGO WHITE—White, lavender marking in throat.

SCHWABEN—Clear canary yellow, shading to a soft sulphur yellow.

PRINCEPS — Scarlet with white throat; very attractive.

PRIMULINUS HYBRIDS — Yellow and orange shades.

Postpaid—10c each; dozen $1.10.

Hardy Vegetable and Flower Plants

The demand for our hardy plants last season was more than we could supply, and due to a general shortage of all plants, it was necessary for us to purchase stocks of other growers to fill orders. In many instances these plants did not meet the entire approval of our trade. However, our own plants brought many encouraging testimonials. These plants will be grown under the supervision of a gardener and florist of twenty years' experience, from the very finest strains of seed. We are confident that you will be pleased with our plants and plant service, since we are using every possible caution to supply our customers with quality stocks which, under normal conditions, will produce the finest vegetables and flowers.

We will accept orders for immediate or future delivery at the prices quoted, subject to crop failures and stocks unsold. **(NO PLANTS WILL BE SHIPPED C. O. D.)** We guarantee safe delivery except where incorrect address is given by the customer.

Vegetable Plants

Asparagus, Double Rooted

BARR'S MAMMOTH, or CONOVER'S COLOSSAL.

Postpaid—50 for 85c; 100 for $1.50.
Express—50 for 75c; 100 for $1.35; 1,000 for $11.00.

Cabbage Plants

Our own plants will not be ready until the first of April; however, we can supply Frost Proof Cabbage Plants of good quality in any quantities. These are hardened and will usually withstand severe freezes. When Frost Proof Plants arrive they appear withered and lifeless; however, a large percentage live and thrive after being properly set. Both Frost Proof and our own plants will be grown from superior strains of Long Island grown cabbage seed.

FROST PROOF CABBAGE—Early Jersey Wakefield, Charleston Wakefield, or Henderson's Early Summer.

Express—F. O. B. Growing Point—5,000 for $2.25 per thousand; 10,000 for $2.00 per thousand.

OUR OWN PLANTS

Ready from April to October.

Early Jersey Wakefield, Charleston Wakefield, Henderson's Early Summer, Early Drumhead, Late Drumhead, Danish Ballhead, Early Flat Dutch or Late Flat Dutch.

Postpaid—100 for 30c; 1,000 for $2.15.
Express—1,000 for $2.00; 5,000 for $1.75 per 1,000.

Egg Plant

New York Improved Spineless, Black Beauty, Florida Big Bush.

Postpaid—(Double Rooted)—Doz. 50c; 100, $3.25.
Express—(Double Rooted)—Doz. 45c; 100, $3.00.
Postpaid—(Potted)—Doz. 75c.
Express—(Potted)—Doz. 60c; 100, $4.25.

Tomatoes

Dwarf Champion, Dwarf Stone, Matchless, Brimmer, Ponderosa, Bonny Best, Acme, Stone, Livingston's Beauty, Chalk's Early Jewel, Spark's Earlianda, June Pink, Golden Queen, Red Rock.

Postpaid—(Double Rooted)—Dozen 40c; 100, $3.
Express—(Double Rooted)—100, $2.75; 1,000, $20.
Postpaid—(Potted)—Doz. 65c; 100, $4.25.
Express—(Potted)—100, $4.00; 1,000, $38.00.

Cauliflower

Snowball, Dry Weather and Extra Early Erfurt.

Postpaid—(Double Rooted)—Doz. 30c; 100, $2.25.
Express—(Double Rooted)—100 for $2.00.
Postpaid—(Potted)—Doz. 60c.
Express—(Potted)—100 for $4.00.

Celery

White Plume, Golden Self-Blanching, Giant Pascal, Winter Queen.

Postpaid—Double Rooted)—50 for 70c; 100, $1.25.
Express—(Double Rooted)—100 for $1.10; 1,000 for $10.00.

HORSE RADISH ROOTS

Postpaid—Per dozen, 20c; per 100, $1.25.

Sweet Pepper

Ruby King, Chinese Giant, Bell or Bull Nose, Pimento and Golden Queen.

Postpaid—(Double Rooted)—Doz., 45c; 100, $3.25.
Express—(Double Rooted)—100, $3.00; 1,000, $20.00.
Postpaid—(Potted)—Doz., 65c; 100, $5.00.
Express—(Potted)—100, $4.50; 1,000, $42.00.

Long Red Cayenne, Hot Pepper.

Postpaid—(Double Rooted)—Doz. 45c; 100. $3.25.
Express—(Double Rooted)—100, $3.00; 1,000, $20.
Postpaid—(Potted)—Doz. 65c.
Express—100, $4.50.

Sweet Potatoes

Nancy Hall, Southern Queen, Porto Rico.

Postpaid—100 for 45c; 1,000 for $3.75.
Express—1,000 for $3.50; 5,000, $3.25 per 1,000.

Flower Plants

Climbing Roses: Following named varieties (Potted):	Dozen Postpaid.	100 Express.
Gardinia, Double Creamy White	$2.50	$20.00
Lady Gay, Splendid Soft Pink	2.50	20.00
Crimson Rambler, Crimson	2.50	20.00
Baltimore Bell, Pink	2.50	20.00
Dorothy Perkins, Shell Pink	2.50	20.00
Dorothy Perkins, White	2.50	20.00
Memorial, White	2.50	20.00
American Beauty, Pink	2.50	20.00
Climbing Roses (Field):		
Names and colors as above	5.00	40.00

Potted Hybrid Tea Roses (2½ inch Pots):	Dozen Postpaid.	100 Express.
Red	$3.00	$25.00
White	3.00	25.00
Pink	3.00	25.00
Yellow	3.00	25.00
Baby Rambler Roses (Potted):		
Red	2.50	20.00
White	2.50	20.00
Pink	2.50	20.00
Baby Rambler Roses (Field):		
Colors as above	5.00	40.00

We carry a large assortment of Fall Bulbs. Write for our Catalogue.

Flower Plants

NO PLANTS WILL BE SHIPPED C. O. D.

Our hardy flower plants delighted the customer in every instance last season. Grown in 2½-inch pots, they reach you in a strong, healthy condition, ready to be put in pots or outdoors. All stocks quoted subject to change and unsold. Send your orders early for future shipment.

Salvia Splendens—Sage.

Variety.	Dozen Postpaid.	100 Express.
Abelia	$1.00	$6.00
Ageratum, Blue Perfection	1.00	6.00
Agrostemma	1.00	6.00
Ampelopsis	1.00	6.00
Alyssum, Sweet	1.00	6.00
Anchusa	1.00	6.00
Antirrhinum, Snap Dragon, Mixed or in Colors	1.00	6.00
Aquilegia, Columbine	1.00	6.00
Asparagus, Plumosus Nanus	1.00	6.00
Asparagus, Sprengeri	1.00	6.00
Asters, Mixed	.75	5.00
Asters, Separate Colors	1.00	6.00
Baby Breath, Hardy	1.00	6.00
Bachelor Button	1.00	6.00
Begonia, Ever Blooming	1.00	6.00
Bellis Perennis	1.00	6.00
Campunula	1.00	6.00
Calandula	1.00	6.00
Candytuft	1.00	6.00
Canna (Bloom First Year)	1.00	6.00
Canterbury Bell	1.00	6.00
Cardinal Climber (Vine)	1.00	6.00
Carnations	1.00	6.00
Chrysanthemums (Best Varieties)	1.00	6.00
Clematis, Paniculata	1.00	6.00
Coralbell	1.00	6.00
Cobea Scandens (Vine)	1.00	6.00
Coleus, Choice Mixed	1.00	6.00
Coreopsis	1.00	6.00
Cow Slips	1.00	6.00
Dahlias, Cactus Mixed	1.00	6.00
Dahlias, Double Large	1.00	6.00
Daisy (Shasta Hardy)	$1.00	$6.00
Delphinium, Larkspur Annual	1.00	6.00
Delphinium, Larkspur Perennial	1.00	6.00
Dianthus Pinks	1.00	6.00
Digitalis, Fox Glove (All Colors)	1.00	6.00
Ferns (All Varieties)	1.00	6.00
Feverfew	1.00	6.00
Forget-Me-Not	1.00	6.00
Four o'Clock	1.00	6.00
Geraniums, any color	1.00	6.00
Grape Vine	1.00	6.00
Gypsophila (Hardy Baby Breath)	1.00	6.00
Heliotrope	1.00	6.00
Hollyhocks (Single and Double, any color)	1.00	6.00
Hydrangea	1.00	6.00
Impatient Sulatana	1.00	6.00
Lavandula (Lavender)	1.00	6.00
Lobelia	1.00	6.00
Lupinus	1.00	6.00
Marigold (African & French)	1.00	6.00
Mignonette	1.00	6.00
Moon Flower (Vine)	1.00	6.00
Pansy, named Varieties	.85	5.00
Pansy, Giant Mixed	.85	5.00
Petunia, Single Mixed	1.00	6.00
Petunia, Double Mixed	1.00	6.00
Phlox, Hardy	1.00	6.00
Portulaca	1.00	6.00
Poppy, Oriental Hardy (all colors)	1.00	6.00
Salvia Splendens (Scarlet Sage)	1.00	6.00
Salvia, Edward Pons	2.50	16.00
Salvia (Sage America)	1.00	6.00
Scabiosa	1.00	6.00
Verbena, Giant, any color	1.00	6.00
Vinca	1.00	6.00
Zinnia, Choice	1.00	6.00
Boxwood, 8 to 10 inches	1.00	6.00

Giant Flowered Pansy.

Conkey's

TRADE MARK

HAVE A CONKEY CORNER IN YOUR POULTRY HOUSE

Don't Worry! Conkey Will Cure Me

Keeping Poultry Well—The Key to Success

RAISING poultry is pleasant and profitable when "good luck" is with you. Good luck, however, is not merely a matter of chance, but of BEING PREPARED.

For more than twenty-five years Conkey has been THE POULTRY DOCTOR. Take his advice. Install a *Conkey Corner* of remedies in your poultry house as insurance against disease, trouble, loss and disappointment.

We sell Conkey's Poultry and Stock Remedies on the following guarantee: *Money refunded cheerfully if any Conkey remedy does not satisfy.*

Conkey's ROUP REMEDY (POWDER)

When Roup breaks out there's no time to experiment—start treatment at once—the disease is very contagious.

Cold, rainy, muggy weather and changeable conditions intensify Roup. When birds begin to sneeze, froth in eyes, run at nose or show other symptoms of a "cold," put Conkey's Roup Remedy in the drinking water. Sick birds doctor themselves and others are protected from catching the disease. Better still, *always* at the first sign of "roupy weather," place Conkey's Roup Remedy in fountains—it's a great preventative. Packages 25c, 50c, $1.00; 5-lb. can $5.75 postpaid.

Conkey's *ROUP PILLS* are for treating individual cases and for use at shows when birds develop colds. Packages 30c, 60c, $1.20; breeder size (1000 pills) $3.00; $3.10 postpaid.

Conkey's *CANKER AND BRONCHITIS REMEDY* checks cankerous growths and sores and soon restores the bird to normal. This remedy is Conkey's specific for bronchitis. Also desirable in treating individual cases of Roup and for use at shows when birds develop colds. Package 50c postpaid.

Conkey's *POULTRY WORM REMEDY* rids birds of many troublesome worms, thus promoting a return to healthy conditions. Give it as soon as you suspect worms—it will help the whole flock. Packages 25c, 50c—30c, 55c postpaid; breeder size, (5 lbs.) $2.75; $2.85 postpaid.

Conkey's *SCALY LEG REMEDY* applied to birds legs will in a few treatments kill the parasites responsible for the trouble and heal up the legs with a healthy lustre. Package 25c postpaid.

Conkey's *CHOLERA REMEDY*

So-called Cholera, bowel troubles, indigestion, diarrhea and kindred ailments often kill a whole flock in a few days. Diarrhea, a drowsy, listless appearance and great thirst—these are the signals to put Conkey's Cholera Remedy in the drinking water. It usually cools heated membranes and stops the trouble if given in time. Packages 25c, 50c, $1.00; breeder size, (5 lbs.) $2.50; $2.65 postpaid.

Conkey's POULTRY LAXATIVE

Wherever a laxative or purgative is needed this remedy is just the thing for birds—by varying the dosage you can produce either a mild or a strong effect. Works without a debilitating after-effect. Experts say, and we have found through experiments that a poultry laxative given every week or two not only keeps birds in better condition, but increases the egg yield very materially. Poultrymen who now use Conkey's Poultry Tonic, with such splendid results, will find regular use of Conkey's Poultry Laxative very beneficial. If you are not employing this method, try it and be convinced. Packages, 25c, 50c; 30c, 55c postpaid; breeder size (5 lbs.) $2.75; $2.90 postpaid.

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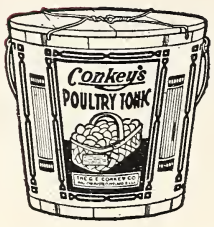
Conkey's POULTRY TONIC



EVERY bird from chick to maturity will be more productive, healthier and more profitable if given a good tonic and regulator. Conkey's Poultry Tonic helps birds get more out of their feed. They produce more eggs and better flesh on LESS FEED, by better digestion and assimilation. Don't keep lazy hens eating their heads off when with a little assistance they can become layers instead of loafers.

Conkey's Tonic is all medicine—free from filler, red pepper, and "hot stuff" to overstimulate the birds and break down their health. Conkey's builds on a natural, healthy basis, inducing steady and persistent laying. Keeps the young chicks growing, makes molting easy, strengthens the bird for bad weather and generally maintains a high health average.

Prices — Buy it by the pail. Packages, 25c, 50c, $1.00; pails, 12-lb. $1.60; 25-lb. $3.00; bags, 50-lb. $5.00; 100 lb. $9.50. Parcel post, express or freight charges extra.

Conkey's LICE PREPARATIONS

Conkey's *LICE POWDER* is for dusting hens, nests, growing chicks and for use wherever body lice must be overcome. Packages, 10c, 25c, 50c; pails, 12-lb. $1.40; 25-lb. $2.75. Parcel post, express or freight, extra.

Conkey's *LICE LIQUID* is for painting roosts, fittings, the inside of house, nest boxes and wherever mites congregate. Cans—qt. 60c; 2 qt. 90c; gal. $1.50; 5 gal. $7.00. Parcel post, express or freight, extra.

Conkey's *HEAD LICE OINTMENT* is for overcoming and preventing the murderous head louse which "eats up" baby chicks. Packages 10c, 25c.

Conkey's *LICE FIX* is a preparation in ointment form, for fighting body lice. This method is advocated by some authorities as preferable to powder. One application lasts a month. Packages 25c, 50c.

Conkey's *SORE HEAD (CHICKENPOX) REMEDY*—Don't let this disgusting and highly contagious disease get a start. Many a fine bird has been permanently ruined by neglect. Little brown or black warty spots appear on comb, face and wattles. Under these warts is a pocket of virulent pus. Conkey's Sore Head Remedy attacks the trouble from two angles—a powder for the blood and a salve for rubbing on affected parts. Both treatments in package—for one price. This remedy is used for pigeon pox, Pian, warts and similar afflictions. Packages 25c, 50c; 30c, 55c postpaid; breeder size (1 lb. salve, 5 lbs. powder) $3.50; (10 lb. powder only) $3.50; $3.65 postpaid.

Conkey's *BLACKHEAD REMEDY*—Turkey breeders should have a package ready for instant use, for Blackhead is very hard to cure in an advanced stage. When used soon enough, Conkey's Blackhead Remedy is ordinarily effective. Package 50c; 55c postpaid.

Conkey's *POULTRY CONDITIONER*—Highly concentrated fowl regulator, blood purifier and nerve food, to build up birds in rundown condition or for fowls recovering from disease. Splendid for putting birds in condition for shows and sustaining them during exhibition. Package 25c, 50c; 30c, 55c postpaid.

Conkey's *LIMBERNECK REMEDY* (Ptomaine Poisoning) should be kept on hand as Limberneck is an ailment which must be treated promptly. Conkey's seldom fails to give relief if used in time. Packages 50c; 55c postpaid.

Stock Specialties

Conkey's *FLY KNOCKER* — Few preparations have the reputation of this wonderful fly repellent. It is a "fly chaser" that does all claimed for it. Dairymen, drivers, horsemen, stock raisers, cattlemen, sheep raisers declare this remedy the best investment they make—animals free from insects do better in milk and butter fat production, while growing stock unquestionably fattens faster when relieved from biting, stinging, disease-spreading insects. Qt. 60c; ½ gal. 90c; gal. $1.50; 5 gal. $7.25; 10 gal. $14.00. Parcel post, express or freight, extra.

Conkey's *COW SPECIAL* — Used as a tonic to build up cows in run-down condition and as an aid to food assimilation. Packages 50c, $1.00.

Conkey's *STOCK TONIC*—A general conditioner of real merit for live stock. Not a food but a medicine — all pure medicine, without any filler. Mix it with regular feed. This makes your own stock food at home. Packages, 25c, 50c; pails, 12 lb. $2.10; 25 lb., $3.45; bags, 50 lb., $4.75; 100 lb. $9.00. Parcel post, express or freight charges extra.

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Conkey's

THE ORIGINAL

BUTTERMILK STARTING FEED

Raises Husky Chicks

A READY-PREPARED feed for baby chicks and all self-feeding young fowls. Composed of buttermilk, pinhead oatmeal, a special wheat middlings, whole cornmeal, corn feed meal and granulated bone. Contains all elements needed for safely starting baby chicks, ducklings, goslings, poults, pheasants, quail, grouse, etc.

GUARANTEED ANALYSIS

CRUDE PROTEIN 12% CRUDE FIBRE 4% CRUDE FAT 3%
NITROGEN FREE EXTRACT 56% CARBOHYDRATES 60%

THIS superior chick feed was the first commercial poultry feed containing buttermilk — that is why we call it *the only ORIGINAL buttermilk starting feed.*

Conkey's did not "just happen"— it is a scientifically-balanced feed as clean and wholesome and as conscientiously-prepared as "infant food." Selected, plump grains, ground to proper fineness, are combined with other ingredients so as to make the feed readily digestible, palatable and nutritious. TASTE it, SMELL it, that's the way to judge a chick feed.

Conkey's carries buttermilk in just the right proportion as an aid in prevention of bowel troubles, White Diarrhea, "leg weakness," etc. The buttermilk is fresh, concentrated buttermilk, blended with the other ingredients by the ORIGINAL process in such a way as to preserve the appetizing, tonic, and other properties of the newly-churned product.

Lactic acid in buttermilk is described as an "intestinal broom" which sweeps away unfriendly bacteria and disease germs in the delicate digestive tract. Buttermilk is also rich in one of the vitamines necessary to growing birds. It is a wonderful appetizer, aid to digestion and flesh builder.

However, it is not the buttermilk nor the other ingredients alone that causes people to declare that their *chicks grow twice as fast on Conkey's.* It is not the buttermilk alone that protects the chicks from disease during the first critical eight weeks. The secret is in the combination of these materials by the Conkey method — the balancing of the ration, as Conkey alone knows how.

Don't be influenced by "cheaper" imitations labeled "buttermilk"—that word may be used to deceive unwary buyers—to cover up a multitude of "sinful" grains, mill sweepings, poisonous weed seeds, musty screenings, worthless by-products, or other poor material having little or no nutritive value.

Conkey's is so palatable that one poultry man said it ought to be used for "breakfast food." One woman wrote: "My chicks just love Conkey's. It is so tasty, and my how they do grow! Better still, we didn't have a single loss in the present hatch, no White Diarrhea or other bowel troubles like before we began using Conkey's."

FEED IT FIRST 8 WEEKS

Conkey's is all the chicks need the first eight weeks except greens, charcoal, grit, clean water and some fine scratch grains in the litter for exercise. Give grit and water from the start. During the second week add green stuff and in the fourth week finely cracked chick grains, like *Conkey's Chick Grains.*

FEED IT FIRST 8 WEEKS AND THE REST IS EASY!

Conkey's Conkey's Conkey's Conkey's

Conkey's NOX-I-CIDE

The Stock Dip, Home Disinfectant and Poultry Mite Liquid with a "Thousand Uses"

This preparation has few equals in all-round usefulness. Every poultry yard, ranch, home, factory, stable, store, office building—in fact, every place where sanitation is necessary to health—needs Conkey's Nox-I-Cide every day in the year.

For poultrymen, Nox-I-Cide is indispensable as a red mite destroyer—paint it on the roosts and spray it into cracks. As a preventive of disease, it is unexcelled for cleansing and disinfecting coops, runs, brooders, fountains, and everything else about the premises. Spray premises daily when disease is present and once a week as a preventive of red mites, ticks, "blue-bugs" and disease epidemics.

As a veterinary wash in treating swine, sheep, stock, etc., Nox-I-Cide is widely used. For mange, itch, ringworm, galls, sores, scratches, sore mouth, eczema, foot rot, proud flesh and other conditions requiring a disinfectant, Nox-I-Cide is employed. Sheep raisers, swine herds, cattlemen and others praise it highly as a dip and keep it on hand constantly for use wherever an effective germicide or insecticide is needed.

Try it for household use—for assisting in driving out ants, destroying odors, routing out bedbugs and cockroaches, for making sinks, cess-pools, garbage containers, etc., sanitary and safe—in fact, you will find that Conkey's Nox-I-Cide when properly diluted—you mix it with water according to directions—is an effective preparation which easily has the thousand uses ascribed to it.

Pint 45c Quart 70c ½ Gallon $1.15 Gallon $1.80 5 Gallon $8.75
10 Gallons $17.00 Parcel post, express or freight charges extra

ASK FOR PRICES ON SPRAYERS

Conkey's WHITE DIARRHEA REMEDY

Once you have used this old reliable preparation, you will never be without it. We can't speak too highly of this remedy—advise you not to try to do without it. As a preventive of bowel troubles, White Diarrhea and other digestive complaints, it has given great satisfaction for many years. Once started, diarrhetic conditions often sweep away the whole hatch—hundreds of chicks. Keep Conkey's Remedy in the drinking water until the danger period is past. The loss of one or a few chicks would more than offset the cost of remedy used. *25c, 50c, $1.00, Breeder size (1200 Tablets) $3.50; $3.60 postpaid.*

Conkey's GAPE REMEDY

Gape worms accumulate in the windpipe and choke the chick to death. Don't try to extract worms with a wire or feather when you can get such an effective remedy as Conkey offers. Conkey's Gape Remedy comprises two powders—both in same box for one price—one sifted over chicks causes them to dislodge the worms in windpipe by coughing, the other is a tonic powder which is mixed in the feed—to help the bird build up its resisting powers and retain its vitality. *25c, 50c; sent postpaid for 30c, 55c.*

Conkey's Conkey's Conkey's Conkey's

Selected Flower Seed

General Cultural Directions for Flower Seeds—Most flower seeds germinate well in a rather light sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all hardy seeds vegetate better when planted in early spring as soon as the soil can be worked fairly and easily and has become warm.

A general rule for the seed-bed is to have the soil rich, level and worked finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does, they will be pretty sure to fail.

After the seeds are up, care must be taken to give them plenty of air and moisture, and yet not too much water, or they will "damp-off" (rot at the top of the ground). As soon as the second leaves are well out, the seedlings should be put into pots or new boxes. When finally transplanted to the bed or border, water frequently until established.

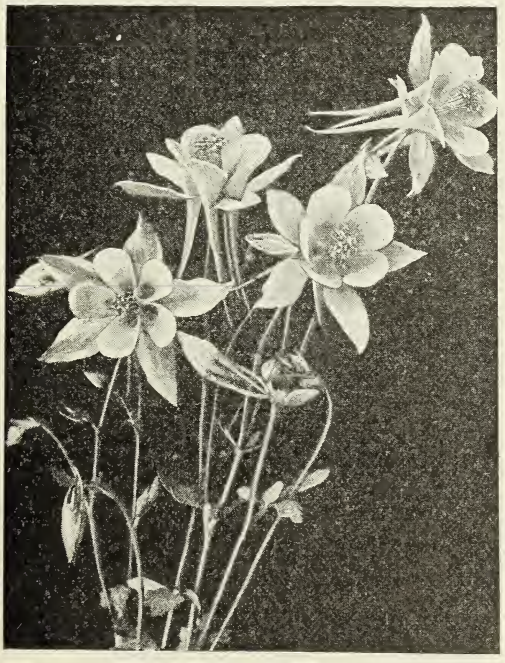
ABRONIA — Sand Verbena. (Umbellata) — A trailing plant which thrives in poor soil. Its fragrant pink flowers borne in clusters all summer.
Price—Pkt. 5c.

ABUTILON—Flowering Maple. (Mixed)—Shrubby plants, suitable for house, greenhouse, or garden. 4 ft. Drooping, bell-shaped flowers of various colors.
Price—Pkt. 10c.

ADLUMIA — Allegheny Vine. (Cirrhosa)—Climber; 15 ft. Feathery foliage; pink flowers in mid-summer. Desirable for covering trellises, tree stumps, etc.
Price—Pkt. 10c.

AGERATUM—Half hardy annual. Grows well and blooms continually until destroyed by frost. Valuable for cut flowers. Tall sorts are effective grown with Alyssum, Candytuft, etc. Dwarf varieties are suitable for edgings.

Imperial Dwarf—Blue, 9 in. Price—Pkt. 5c; ½ oz. 40c.
Fine Mixed—18 in. Price—Pkt. 5c; ¼ oz. 25c.



Aquilegia.

ACHILLEA—Milfoil or Yarrow. ('The Pearl")—1½ ft. Double white daisy-like flowers in summer and fall.
Price—Pkt. 10c.

Sweet Alyssum.

ALYSSUM — Hardy annual of dwarf habit, blooming until killed by frost. Fine for beds, borders, and vases. The snow-white flowers are fragrant and lasting. For edging to beds or borders, sow thickly to form masses. Cut flowers freely and others will take their places.
Martinum—(Sweet Alyssum)—1 ft. Price—Pkt. 5c; ½ oz. 20c; oz. 35c.
Little Gam—Erect, distinct; 6 in. Price—Pkt. 5c; ¼ oz. 25c; oz. 45c.

AMARANTHUS — Caudatus. (Love-Lies-Bleeding)—3 ft. Brilliant foliage; dark red, drooping spikes. Price—Pkt. 5c; ¼ oz. 20c.

Tri-Color. (Joseph's Coat)—Foliage crimson yellow and bronze. Price—Pkt. 5c; ½ oz. 10c.
Fine Mixed—Above and others. Price—Pkt. 5c; ¼ oz. 10c.

AMPELOPSIS — Boston Ivy. (Vechti)—Rapid-growing hardy vine. It adheres firmly to stone, brick, or wood. Foliage turns to scarlet in autumn.
Price—Pkt. 5c; ½ oz. 15c.

ANTIRRHINUM—Snapdragon. 1½ to 3 ft. Dark, glossy leaves, and curiously shaped, showy colored flowers with spotted throats. Snapdragons blossom the first year, if seed is sown early. Slightly covered with leaves, they survive our winters. Succeed best in rather light soil.
Tall Sort—Mixed. Pkt. 5c; ¼ oz. 25c.
Dwarf Sorts—Mixed. Pkt. 5c; ¼ oz. 25c.

AQUILEGIA—Columbine. 2 to 3 ft. Well-known and favorite plants for the garden border; especially suitable for shady places. Are easily grown, soon form large clumps, and bloom from May until August.
Canadensis—Scarlet and yellow; native. Price—Pkt. 5c.
Chrysantha—Long-spurred, yellow, single. Price—Pkt. 5c.
Caerulea—(Rocky Mountain Columbine). Sepals deep blue, petals white. Price—Pkt. 10c.
Double Mixed—Price—Pkt. 5c; ¼ oz. 30c.
Vulgaris—Single, mixed. Pkt. 5c; ¼ oz. 25c.

SELECTED FLOWER SEED—Continued.

Asters

It is unnecessary to dwell on the great beauty of these popular favorites, as they are appreciated by everyone. Asters are annuals, and they are sufficiently hardy to endure a little frost without injury.

We recommend sowing seed of a number of varieties, as by this method of culture the blooming season can be made to extend from June until late in the autumn.

ASTERS, TALL MIXED—Pkt. 10c; ¼ oz. 50c.

ASTERS, DWARF MIXED—Pkt. 10c; ¼ oz. 50c.

GIANT COMET ASTERS, MIXED—Pkt. 10c.

PEONY-FLOWERED ASTERS, MIXED—Pkt. 10c.

SEMPLES BRANCHING ASTERS:

White—Pkt. 10c; ¼ oz. 60c.
Light Pink—Pkt. 10c; ¼ oz. 60c.
Rose—Pkt. 10c; ¼ oz. 60c.
Lavender—Pkt. 10c; ¼ oz. 60c.
Purple—Pkt. 10c; ¼ oz. 60c.

CREGO ASTERS—One of the finest varieties. Flowers gigantic in size. Has appearance of a chrysanthemum.

Mixed Colors—Pkt. 10c; ¼ oz. 65c.

BACHELOR'S BUTTON—See Centaurea Cyanus.

BALLOON VINE—10 ft. A rapid-growing annual climber, with white flowers and inflated seed pods which look like small balloons. Succeeds best in warm soil.

Pkt. 10c; oz. 40c.

BALSAM APPLE AND PEAR — Ornamental climbers, with pretty foliage and flowers, followed by handsome fruit, which, when ripe, bursts open, exposing the bright-red seeds within.

BALSAMINA—(Balsam Apple)—Pkt. 5c; ½ oz. 30c.

CHARANTIA—(Balsam Pear)—Pkt. 5c; ½ oz. 25c.

BALSAM—Lady Slipper. Balsams love rich soil, and plenty of water. Sow the seed in window boxes or hot-beds early, or in the open air in May, and transplant when 2 or 3 inches in height. Stimulate by weekly applications of liquid manure. Camelia-flowered.

DOUBLE BALSAM MIXED—Pkt. 10c; ½ oz. 50c.

RUNNER BEAN—Butterfly Bean. Will grow in any soil. In bloom from July to September. The flowers are distinguished by pure white wings and scarlet standard.

Price—Pkt. 5c; ¼ lb. 20c.

SCARLET RUNNER, BEAN — An exceedingly rapid grower. Its strong vines are always clothed with deep scarlet flowers from early summer until fall.

Price—Pkt. 5c; ¼ lb. 15c; ½ lb. 25c.

BRACHYCOME—A very pretty small flower of light blue color. Pkt. 5c; ¼ oz. 40c.

BEGONIA—Few plants can be grown so readily from seed and afford such brilliancy of flower.

Special Fine Mixed—Pkt. 25c.

BELLIS—English Daisy. Perennials which will stand the winter if given the protection of a few leaves or litter; in bloom from early spring until well on in the summer. Easily raised from seed.

Longfellow—Double pink. Pkt. 10c.
Snowball—Double white. Pkt. 10c.
Double Mixed—All colors. Pkt. 5c.

CALENDULA — (Pot Marigold). 2 ft. Calendulas bloom all summer and thrive anywhere, especially in city gardens. The graceful star-shaped flowers exhibit every shade of yellow from ivory to deep orange. Well adapted for cutting, being borne upon long stems.

MIXED—All the double sorts. Pkt. 5c; ½ oz. 30c.

CALLIOPSIS—Showy, beautiful, free-blooming plants, producing large, bright flowers of rich and charming colors throughout the entire summer.

CALLIOPSIS—Best mixed. Pkt. 5c; ¼ oz. 25c.

CANARY BIRD VINE—Grows to a height of 15 feet. Has beautiful foliage and yellow flowers. Pkt. 5c; ¼ oz. 30c; ½ oz. 50c.

Giant Comet Aster.

Candytuft

A dwarf annual of easiest culture; free-blooming, showy, and useful for beds, borders and edgings. Sow seeds where plants are to bloom, in rows 6 or 8 inches apart, thinning out to afford plenty of room, as they branch quite freely. Height, 1 foot.

CRIMSON—Rich, dark crimson. Pkt. 5c.

WHITE ROCKET — Long white flower spikes. Pkt. 5c.

EMPRESS—White, large flower. Pkt. 5c.

WHITE TOM THUMB—Grows 6 inches high. Pkt. 5c.

ANNUAL SORTS—Pkt. 5c.

SEMPERVIRENS—Survives winter out-of-doors. Its fine flowers are produced early in the spring. Pkt. 10c.

Cannas

INDIAN SHOT—These very attractive summer bedding plants can be grown readily from seed. The seed is extremely hard and should be soaked in warm water until swollen. Sow singly in small pots of sandy soil and set in a warm place, preferably a hot-bed or sunny window. Set out in June where they are to flower.

CROZY—Dwarf mixed. Pkt. 5c.

CANNAS—Mixed. Pkt. 5c.

Carnations

These very popular favorites are valuable for culture in the open ground in summer and for pot culture in winter. Seeds of the Margaret and Chabaud types sown in the spring, will, by August, produce plants that will be full of bloom until frost takes them; or they may be cut back, potted, and carried over winter in a cool room. The Grenadine and Double Mixed bloom the second season after sowing.

MARGARET—Mixed, pkt. 5c; **Scarlet**, pkt. 5c.

MARGARET—Pink. Pkt. 5c.

MARGARET—White; fine double flowers. Pkt. 10c.

GIANT MARGARET—Immense double flowers. Pkt. 10c.

FINE DOUBLE MIXED—Many colors. Pkt. 10c.

CASTOR OIL PLANT—(See Ricinus).

CELOSIA—(See Coxcomb).

SELECTED FLOWER SEED—Continued.

Cornflower

CENTAUREA—The Dusty Miller, sometimes called "Bachelor's Button," and "Ragged Robin." One of the most popular of our garden annuals, blooming continually all summer. All colors mixed. Pkt. 5c; ¼ oz. 25c.

CENTAUREA—The Dusty Miller. The white-leaved, fine for borders, bedding and hanging baskets. Pkt. 5c; ½ oz. 60c.

CENTAUREA—Moschata (Sweet Sultan). Handsome, fragrant, purple and white flowers. Pkt. 5c.

CHRYSANTHEMUM — Perennial; all colors, double mixed. Pkt. 5c; ¼ oz. 25c; ½ oz. 45c.

CLEMATIS—Japan's Virgin Bower. Climbing vines of rapid growth. Pkt. 10c.

COBAEA SCANDENS—One of the most rapid growing of the annual climbers. Climbs 30 feet in a season. The flowers are bell-shaped. Plant the seed edgewise and cover lightly. Pkt. 5c; ¼ oz. 25c; ½ oz. 45c.

COCKSCOMB CELOSIA—Easily grown annuals, fine for summer flower beds, pot plants and for drying for winter bouquets. Sow in light soil, not too rich. Celosia or Plumed Varieties, mixed colors. Pkt. 5c; ¼ oz. 40c; ½ oz. 75c.

COMB VARIETIES, Tall Mixed Colors—Pkt. 5c; ¼ oz. 35c.

Dwarf Mixed Colors—Pkt. 5c; ½ oz. 60c.

Dianthus or Garden Pinks

Annuals and perennials, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors, and profusion of bloom. The Chinese and Japanese varieties bloom the first season, same as hardy annuals; height 1 foot. The hardy perennial varieties are very fragrant and of easy culture for the garden or greenhouse.

DOUBLE CHINA PINK—Finest colors mixed. Pkt. 5c; ¼ oz. 25c; ½ oz. 45c.

DOUBLE JAPAN PINK—Flowers large, brightest colors mixed. Pkt. 5c; ¼ oz. 30c.

SINGLE ANNUAL MIXED—Pkt. 5c; ¼ oz. 20c.

Dianthus or Pink.

Giant Flowered Cosmos.

Cosmos

A hardy annual having strong stems from 4 to 6 feet high with delicate, feathery foliage and pretty flowers of shades of rose, red, pink, yellow, and also pure white. One of the most popular fall flowers; excellent for cutting. Cosmos is most effective when planted in broad masses or along background borders against fences or evergreens. Cosmos may be had in bloom from August until frost.

Topping the plants when 1 foot high will induce early blooms.

EARLY FLOWERING COSMOS—Pkt. 5c; ¼ oz. 30c; ½ oz. 50c.

LADY LENOX GIANT COSMOS—Flowers 5 to 6 inches in diameter. Color a beautiful shell pink. Pkt. 10c; ½ oz. 25c.

GIANT FLOWERED, SUPERB MIXED COSMOS—Pkt. 10c; ½ oz. 40c.

WILD CUCUMBER VINE — Rapid climbers, growing 30 feet a season. Fragrant, pretty white flowers, followed by ornamental, prickly seed-pods. Pkt. 5c; oz. 15c.

CYPRESS VINE—A splendid climber, with delicate dark green, feathery foliage and an abundance of bright star-shaped white and scarlet blossoms. Sow thickly after the middle of April. Height 15 feet.

White—Pkt. 5c; ¼ oz. 25c; ½ oz. 45c.
Scarlet—Pkt. 5c; ¼ oz. 20c; ½ oz. 35c.
Mixed colors—Pkt. 5c; ¼ oz. 20c; ½ oz. 30c.

Dahlia

Well-known fall blooming plants. They grow very readily from seed which, if sown early, will bloom the same year. Almost any soil suits them, a moist one being preferable. H. H. P. 3 to 5 ft.

CACTUS FLOWERED—Double. Pkt. 10c.
DOUBLE, LARGE-FLOWERED—Pkt. 10c.
SINGLE, MIXED—From fine varieties. Pkt. 5c.

STIM-U-PLANT
PLANT STIMULANT TABLET
Trade Mark Registered U. S. Patent Office
Small size, 15c. Large size, 25c.

SELECTED FLOWER SEED—Continued.

Digitalis

FOXGLOVE — Handsome, stately plants, with ornamental green leaves and pendulous flowers, white, pink, blue, purple, etc., beautifully spotted. H. P. Height 2 feet. Mixed colors. Pkt. 5c; ¼ oz. 30c; ½ oz. 50c

DOLICHOS (Hyacinth Bean)—Rapid climbers, bearing large clusters of purple and white flowers followed by ornamental plants. Pkt. 5c; oz. 25c.

ESCHOLTZIA (California Poppy)—All colors mixed. Pkt. 5c; ¼ oz. 20c; ½ oz. 35c.

FEVERFEW—Double pure white flowers. Pkt. 5c; ¼ oz. 20c; ½ oz. 35c.

FORGET-ME-NOT (Myosotis).

Alpestris—Dark blue; in bloom all summer. Pkt. 5c; ¼ oz. 40c.

Mixed Colors—Pkt. 5c.

GAILLARDIA—Blanket Flower. Mixed colors. Pkt. 5c; ¼ oz. 40c; ½ oz. 75c.

GLOBE AMARANTH—Red clover-shaped flowers. Cut when in bloom and dried, they retain their colors.

Mixed Colors—Pkt. 5c.

GODETIA—Satin Flower. Mixed colors. Pkt. 5c.

GOURDS—Ornamental. See page 29.

GYPSOPHILA — Baby's Breath. Pure white, tiny flowers. Pkt. 5c.

HELIOTROPE—Fine mixed colors. Pkt. 5c.

HOLLYHOCK—Double. All colors mixed. Pkt. 5c.

KENILWORTH IVY — Tender perennial, of trailing habit, bearing small violet flowers. Fine for boxes, rockeries, and hanging baskets. Pkt. 5c.

KOCHIA, or Burning Bush; Summer Cypress, or Mexican Firebush—2 to 3 feet. Makes a pyramidal-shaped cypress-like bush with feathery, light green foliage, deepening until it becomes a lovely crimson. Pkt. 10c; ½ oz. 25c.

LARKSPUR—Very popular annual plants of the easiest culture. Beautiful, graceful flowers of many colors are borne on long spikes; fine for cutting; height 1 foot. Pkt. 5c.

MARVEL OF PERU (Four o'Clock) — Blooms first season. Height 2 feet. Flowers showy, open only in the afternoon. Pkt. 5c.

NIGELIA (Love in a Mist, or Devil in a Bush) —Bright, showy flowers, requiring but little care. Height 1 foot. Mixed colors. Pkt. 5c.

MOONFLOWER (Evening Glory Ipomoea) — Hardy annual, one of the most rapid climbers; grows 50 to 75 feet. Vines robust and covered with large white flowers, opening in the evening, and remaining open until about noon of the next day. Pkt. 10c; oz. 60c.

LOBELIA—Easy to grow; one of the best plants for rockeries, pots and bedding; a mass of blooms for a long season. Pkt. 5c.

MIGONETTE (Sweet) — Very fragrant. Bears large spikes of flowers. Pkt. 5c.

Japanese Morning Glories

These beautifully marked and most daintily tinted flowers are one of the grandest climbers. Grows 30 to 50 feet. Flowers measure 4 to 6 ins. across; foliage very ornamental. Pkt. 10c.

FANCY FRINGED — A new imported variety from Japan. Flowers very large, ruffled from stem to margin like crumpled velvet. Pkt. 10c.

SINGLE MORNING GLORY—The old original variety. One of the best known and rapid climbers. Pkt. 5c; oz. 15c; ¼ lb. 35c.

Select Nasturtiums

We are importers of the choicest strains of both the Dwarf or "Tom Thumb" and Tall or Running varieties of Nasturtiums.

NASTURTIUMS are one of the hardiest and most attractive summer blooming plants; will begin blooming early in the spring and continue until killed by frost. They will bloom best in thin, well-drained soil. No other annual will produce blooms in such profusion; they are unexcelled for their brilliancy and variety of colors.

Dwarf Nasturtiums

VARIEGATED LEAVES—Very beautiful, even when not in bloom; flowers of many colors show to great advantage among the variegated foliage.

QUEEN OF TOM THUMBS—Pkt. 10c; oz. 25c.

IVY LEAVED—Both the flowers and leaves are different from all other sorts. The leaves are a rich deep green, veined with silvery white. Flowers are star-shaped, rich in colors. Pkt. 10c; oz. 20c.

DWARF VARIETIES MIXED—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.50 (by mail postpaid, lb. $1.60).

Tall or Running Nasturtiums

VARIEGATED LEAVED — Similar to Dwarf varieties, except in habit of growth, being tall. Pkt. 5c; oz. 15c; ¼ lb. 50c.

IVY LEAVED—Similar to Dwarf varieties, except in habit of growth, being tall. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.50 (by mail postpaid, lb. $1.60).

TALL VARIETIES MIXED—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. $1.50 (by mail postpaid, lb. $1.60).

Select Nasturtiums.

FLOWER PLANTS—See page 31 and 32. We offer the finest potted stocks for outdoor bedding or potting in season.

SELECTED FLOWER SEED—Continued

Giant Pansies

Pansy Seed should be sown in well pulverized soil, and covered not more than a quarter of an inch. Sowing in February or March should be made in boxes covered with glass. Transplant to a partially shady place in a rich, moist soil.

Giant Flowered Pansies.

GIANT FLOWERED PANSY MIXTURE—This is a mixture of the finest strains of Giant Pansies, seeds coming from the world's famous pansy growers, whose flowers are of the richest colors and largest size. Each flower is a gem of velvet and gold, blotched and mottled of many tints. Pkt. 10c; 3 pkts. 25c; ¼ oz. $3.00.

CHOICE MIXED PANSIES—A choice mixture of all colors, shades and markings. Pkt. 5c; 6 pkts. 25c; ¼ oz. $1.00.

Petunia

The ease of culture, and duration of bloom, will make Petunias always very popular. The large flowers borne profusely.

FRINGED PETUNIAS—This strain is without an equal for its beautifully fringed or ruffled flowers, at their edge often measuring 4 to 6 inches across. Pkt. 25c.

DOUBLE MIXED PETUNIAS—These beautiful marked Petunias produce a large percentage of double flowers of the largest and brightest colored fringed varieties. Pkt. 25c.

SINGLE MIXED PETUNIAS—A fine mixture of all colors. Pkt. 5c; ⅛ oz. 25c.

Poppies

These most beautiful hardy annuals and perennials are of easy and quick growth. Their gorgeous flowers are borne throughout the summer.

ORIENTAL—Perennial; bears huge flowers of the most delicate and dazzling colors, and they increase in size and beauty each season. Pkt. 10c; ⅛ oz. 40c.

ICELAND—Perennial; blooms continuously from June to October. They resemble crushed satin. Pkt. 5c; ⅛ oz. 25c.

SHIRLEY—Annuals. Brilliant and free flowering. Pkt. 5c; ¼ oz. 15c.

Poppy.

DOUBLE PEONY FLOWERED ANNUALS—Large flowers resembling Peonies. Mixed colors. Pkt. 5c; oz. 35c.

SINGLE MIXED—Annuals. Contains the best strains of single poppies, mixed colors. Pkt. 5c; ¼ oz. 40c.

MARIGOLD—Extremely effective annuals, easily grown and free flowering, bearing early many brilliant flowers, continuing until killed by frost.

Double French Mixed—Pkt. 5c; oz. 75c.

African Double Mixed—Pkt. 5c; oz. 75c.

Phlox

Few flowers can equal these beautiful annuals in their magnificent display of their many and brilliantly colored flowers.

PHLOX DRUMMONDI—This superb strain is noted for larger flowers and rich colors. Pkt. 10c; ⅛ oz. 25c.

STAR AND FRINGED—Very beautiful, and of the most varied colors. These star-shaped varieties are bordered with white. Pkt. 10c.

FINE MIXED—A mixture of all the choicest colors. Pkt. 5c; ¼ oz. 40c.

Portulaca

(Miss Flower)—Will succeed in any sunny location, producing great profusion of flowers of almost every color.

SINGLE MIXED COLORS—Pkt. 5c; ½ oz. 45c.

DOUBLE MIXED COLORS—Pkt. 10c; ½ oz. 75c.

RICINUS (Castor Bean)—These are fine for backgrounds or center of beds. Tall plants with palm-like leaves.

All the best varieties of colored leaves. Pkt. 5c; oz. 20c; ¼ lb. 65c.

Salvia—Flowering Sage

A hedge or bed of Salvias is a blaze of color during the summer and fall. They are used to good effect for bordering Canna beds, also for hedges along walks or lot dividing lines. Seed should be started either indoors or in a hot-bed; do not sow in open ground until soil has become well warmed.

SALVIA SPLENDENS—2½ ft. The well-known variety; fiery scarlet. Pkt. 10c; ⅛ oz. 35c.

Sunflower

MINIATURE VARIETIES MIXED—Pkt. 5c; oz. 25c.

DOUBLE CALIFORNIA—Double yellow variety, 3 to 5 feet high. The giant flowered. Pkt. 10c; ¼ oz. 50c.

DOUBLE CHRYSANTHEMUM FLOWERED—The grandest of all double Sunflowers. Pkt. 10c; ¼ oz. 25c.

MAMMOTH RUSSIAN—The giant flowered sunflower, 5 to 8 feet high. Pkt. 5c; ¼ lb. 10c; lb. 35c.

NEW RED—Very attractive. Pkt. 15c.

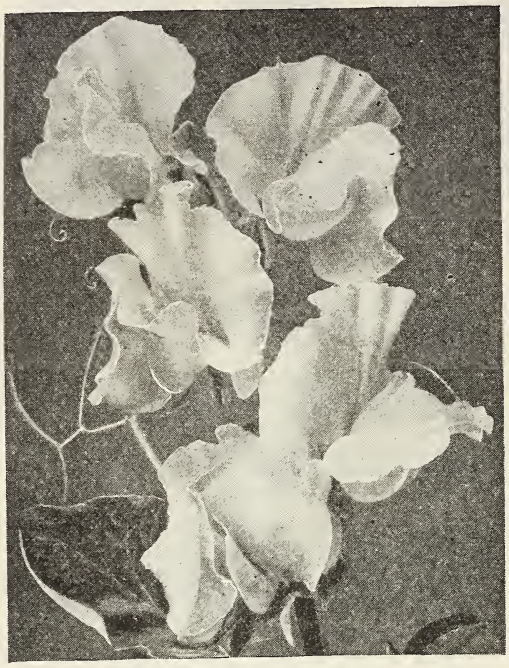
Stocks, Gilliflower

Very useful annuals for borders, bedding and cut flowers. Blooms are very fragrant.

TEN WEEKS—Cut and Come Again—Mixed colors. Pkt. 10c; ¼ oz. 25c.

PAPER FLOWER POTS
For transplanting and shipping potted plants. Write for prices.

SELECTED FLOWER SEED—Continued.



Countess Spencer Sweet Peas.

Sweet Peas

No flower has ever gained the popularity in so short a time as the Sweet Pea. Its development in the South has been much slower than other sections, but it is now very firmly established, and gaining rapidly from year to year. The great drawback to its advancement in the South has been through an improper knowledge of the habits of the Sweet Pea. It is necessary for success with this flower to carefully observe tried methods of culture.

Culture for Sweet Peas—October to April have been found the best months to plant Sweet Peas in this section. **ONE OUNCE SOWS 25 FEET OF ROW; 1 POUND WILL PLANT ABOUT 400 FEET IN DRILLS.** Would suggest that you have your rows or drills if possible running north and south. Plant in double rows 8 inches apart, 2½ feet between the double rows; poles then could be placed between the double rows and wires run or poultry netting placed; this would give support for two rows on trellis. If poultry netting is used, use 4 to 5 ft. 2-in. mesh.

Dig rows 10 inches deep, put in 4 inches of well rotted manure or prepared pulverized sheep manure and top soil well mixed. Plant seed on this and cover with loose black loam 2 inches deep, leaving the rows open, and fill in as the peas crack through until you get to the surface of soil.

During dry weather they should be watered thoroughly and frequently, and given an application of liquid manure once a week. When in bloom flowers should be cut every day and put in water. This will prevent the plants from going to seed, which would stop them from continuing in bloom.

SUPERB SPENCER SWEET PEAS—A strain of Sweet Peas developed from the old Grandiflora type. It is sometimes known as the Orchid Flowering Sweet Pea, and produces larger and more fragrant flowers of greater brilliancy of color than the old type. The long graceful stems usually bear 4 or 5 blossoms of superior beauty. We offer the following fancy Named Varieties of the Spencer type and consider them unsurpassed in both richness of color and beauty of form:

Asta Ohn—Pinkish lavender; extra large flower.

Othello—Rich maroon; the best of dark colored spencers.

Countess Spencer—Beautiful soft pink color; a most popular variety.

George Herbert—Bright rose-carmine.

Helen Lewis—A fine orange rose variety.

King Edward—Rich crimson-scarlet; large wavy flower.

King White—Considered by all the finest white variety.

Price, postpaid, all varieties listed above—Pkt. 10c; oz. 45c; ¼ lb. $1.50; lb. $4.00.

SUPERB SPENCER MIXED SWEET PEAS—This is a superior mixture of all colors.
Postpaid—Pkt. 10c; oz. 35c; ¼ lb. $1.00; lb. $3.

GRANDIFLORA SWEET PEAS MIXED—
Postpaid—Pkt. 5c; oz. 25c; ¼ lb. 70c; lb. $1.75.

Sweet William

SINGLE—Many bright colors mixed. Pkt. 5c; ¼ oz. 30c; ½ oz. 50c.

DOUBLE—All colors mixed. Pkt. 5c; ¼ oz. 40c

Thunbergia, Black Eyed Susan

Useful for window boxes, hanging baskets, vases, etc. Trumpet-shaped flowers in great profusion in summer.

THUNBERGIA—Mixed colors. Pkt. 5c; ¼ oz. 40c.

Verbena

Popular annual for beds; also covering mounds.

MIXED VERBENAS—All colors. Pkt. 5c; ¼ oz. 75c; oz. $2.50.

Wall Flower

A favorite garden flower, producing large spikes of deliciously fragrant blooms of many colors.

DOUBLE—Large and fragrant. Pkt. 10c; ¼ oz. $2.00.

Zinnia

Easily grown, supplying abundantly gorgeous flowers of almost every shade of color during the summer and fall.

DOUBLE FINE MIXED—Pkt. 5c; ½ oz. 75c.

POMPON, MIXED—Pkt. 10c.

Double Zinnia.

Sow "Cherokee Brand" Field Seeds

When you purchase **"CHEROKEE BRAND"** seed you purchase the very highest quality seed that money can buy; and you can rest assured that you are not sowing weeds and paying for chaff. This seed is all thoroughly recleaned and tested for purity and germination. The new "North Carolina Seed Law" requires each merchant to place a tag on all seeds showing purity and germination. We are glad of this law, as it is a protection to the merchants handling high grade seed. "CHEROKEE BRAND" is the best. Before purchasing seeds be sure that they fill the State requirements. We will be glad to mail you copy of Seed Law on request; and also samples of any seeds you may desire. The large quantities in which we handle field seeds enables us to quote you exceedingly low prices, quality considered. The prices quoted herein are those prevailing during December. Write before ordering for our latest price list.

High Grade Clover and Alfalfa Seed

Red Clover.

"CHEROKEE BRAND" Clover Seed represents the finest qualities that can be had, expertly recleaned and tested for high purity and strong germination; this brand will always measure up to a superior standard of quality. The so-called "competitive grades" of clovers containing buckhorn, wild carrot, plantain, etc., are lower in price. We do not handle these types.

Red Clover

This valuable crop is not only one of the most excellent Hay and Forage Crops, but it is a great soil improver. Red Clover can be cut for two or three years from one seeding, and on good land will yield two cuttings per year. Red Clover has been found particularly adapted to the northern part of the Cotton Belt; when sown alone in this section, 10 to 12 lbs. to an acre. Excellent results are received by sowing for hay, a mixture of one bushel of Orchard Grass, one bushel Tall Meadow Oat Grass with eight pounds of Red Clover to an acre. If to be used also for pasture, an addition of six pounds Red Top or Herds Grass to the above mixture will increase the pasturage.

Postpaid—Lb. 35c; 10 lbs. $3.25; 30 lbs. $9.00.
Express—Lb. 30c; 10 lbs. $2.75; bushel, about $16.00.

Mammoth or Sapling Clover

This is similar to Red Clover, both in appearance of the seed and its habits of growth, the difference being that it usually grows larger and is later in maturing. It is considered superior as an improver on account of the extra growth. It is a good variety for thin soils, or to seed with Timothy, Meadow Fescue, Herds Grass, or Red Top, as it matures about the same time as these grasses. Sow 10 to 12 lbs. per acre by itself or with Timothy. Six lbs. of Clover and 8 lbs. of Timothy will give a liberal seeding.

Postpaid—Lb. 40c; 10 lbs. $3.75; 30 lbs. $9.75.
Express—Lb. 35c; 10 lbs. $3.00; bushel, about $17.00.

Alsike Clover

Sixty pounds to the bushel. A valuable perennial clover, growth of fine texture, more spreading and recumbent than red clover, matures later, has pinkish blossoms and does not make such large roots, nor do they penetrate so deep into the soil. Notwithstanding, it seems to be hardier than red clover, standing as much heat and decidedly more cold. Alsike Clover should be sown in the South from August to March, the sooner the better. It seems to be well adapted to creek and river bottoms. From 8 to 10 lbs. should give a good stand.

Postpaid—Lb. 35c; 10 lbs. $3.00. Express—Lb. 30c; 10 lbs. $2.75; bushel, $15.00.

Alfalfa or Lucerne

The Profitable and Nutritious Hay Crop

ALFALFA or LUCERNE in the South will produce from 5 to 7 tons of hay an acre each year. It enriches the soil. Its very large, branching roots penetrate far down, loosening the soil, getting plant food where other crops would be a failure. Alfalfa is a perennial, and lasts for 8 to 10 years. Sow seeds in thoroughly prepared soil at the rate of 20 lbs. to the acre. Before sowing the seed it will be best to inoculate them, if alfalfa has never been grown on the soil you are to sow.

The old belief that Alfalfa cannot be grown in this section is gradually being overcome. We know of a great many fields that are yielding three cuttings of most nutritious feed every year. The success of this feed depends largely upon the kind of seed you plant and the correct and thorough preparation of the soil. Seed produced in irrigated fields and imported Alfalfa will not give best results. We offer a type of Alfalfa seed that we know has produced well in Western North Carolina. Use lime liberally, at least a ton to the acre, many use 2½ tons to the acre.

Postpaid—Lb. 35c; 10 lbs. $3.00; 30 lbs. $7.50.
Express—Lb. 25c; 10 lbs. $2.35; bushel, $13.50.

Japan Clover or Lespedeza

It is known as "poor land alfalfa." A few pounds added to other clover mixtures bring remarkable returns, since this variety of clover is extremely hardy and capable of withstanding the severest colds or droughts. Both the hay and grazing of first nutrition.

Postpaid—Lb. 30c; 10 lbs. $2.75.
Express—Lb. 65c; bushel, $36.00.

White Clover

Does well in nearly all parts of the South. In this section it is indigenous to all kinds of soils. Is especially valuable and largely used in LAWN and PASTURE MIXTURES. It makes a small, close, compact growth. If sown alone, sow 6 to 8 lbs. an acre; more largely sown with other grasses—in this case use half the amount.

Postpaid—Lb. 75c; 10 lbs. $7.00.
Express—Lb. 65c; bushel, $36.00.

Inoculate this Seed with FARMOGERM

Inoculate this Seed with FARMOGERM

HIGH GRADE CLOVER AND ALFALFA SEED—Continued.

Sweet Clover or Melilotus

For Forage and Soil Improvement

SWEET CLOVER—Is also known as Bokhara Clover—the White Blooming or Melilotus Alba is the most popular sweet clover. It produces a larger growth and is of a superior quality to the yellow, which is very coarse. One of the great uses Melilotus has been put to is to inoculate the soil where alfalfa is intended to be grown, as it contains the same class of bacteria that infest the roots of alfalfa, for it will grow where alfalfa will not the first year. It enriches poor, thin land; prevents land from washing, stands heat and drought remarkably well; is very fattening for all live stock; valuable for bee pasture. It is sown at the rate of 10 to 15 lbs. to an acre.

One grower advises that he has used Sweet Clover with wonderful success to prevent washing of mountain lands. He states that he planted a large quantity in old ditches and the result was remarkable. We cannot recommend Sweet Clover too highly as a crop to improve worn-out fields, to inoculate soil for Alfalfa, and as a pasture for hogs and cattle.

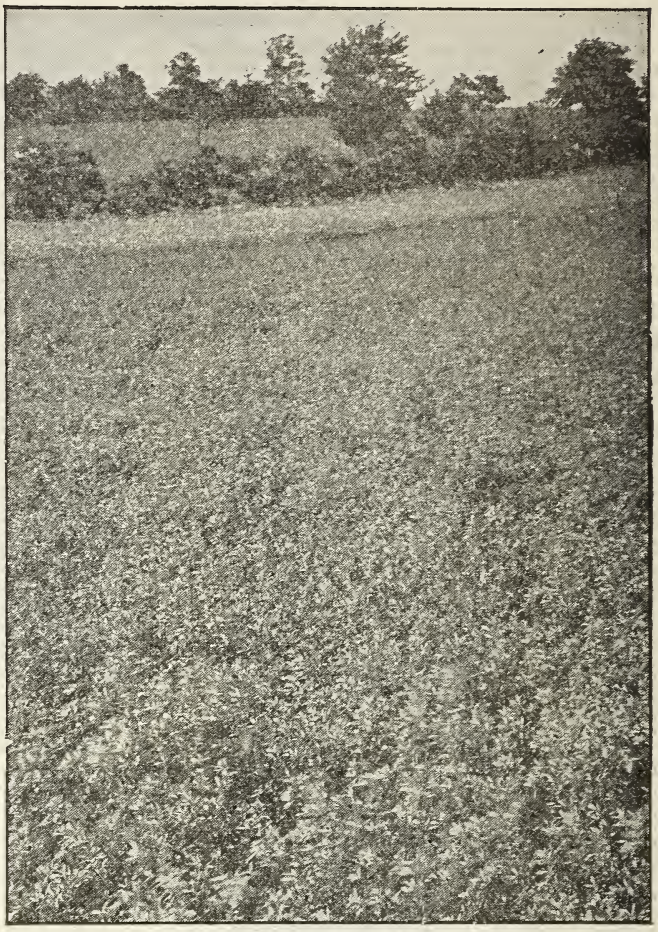
Postpaid—Lb. 25c; 10 lbs. $2.15.
Express—Lb. 20c; 10 lbs. $1.85; 100 lbs. $15.00.

Inoculate this seed with Farmogerm or Mulford Culture See page 49.

Bur Clover

Can only be sown in the summer and fall. For the South it is a most valuable winter grazing crop, growing luxuriantly all through the winter and until the summer comes fully on. It is admirably adapted for use with Bermuda Grass; the combination of the two makes a splendid all-the-year-round pasturage.

Postpaid—Lb. 30c; 10 lbs. $2.50.
Express—Lb. 25c; 100 lbs. $20.00.



A FIELD OF CHEROKEE CLOVER.
"Good Seed Bring Large Returns."

Crimson Clover

Best Only for Late Summer and Fall Sowing

This variety should be more largely used by every Southern farmer. Produces an excellent hay and fine winter pasturage. Crimson Clover is one of the finest of all soil-improving crops. Sow at the rate of 15 lbs. to an acre broadcast from July to October.

Postpaid—Lb. 20c; 10 lbs. $1.75; 30 lbs. $4.00.
Express—Lb. 15c; 10 lbs. $1.35; bushel $7.00.

Our High Quality Grass Seed

Timothy

The most important timothy ranks unsurpassed as the hay producer of America. All livestock, especially horses, relish and thrive on it. Timothy prefers good stiff loamy soils containing an abundance of moisture, and is peculiarly adapted for the heavy clay soils of mountainous districts. It is a rapid grower, producing the best crop the first year. However, by manuring or top-dressing with our special grass fertilizer the succeeding years may bring equally as good yields of this wonderful hay crop. Since it matures with Sapling Clover, Red Top, and Meadow Fescue, any or all of these are valuable additions both in production of larger yields of hay or grazing. If sown with Sapling Clover the clover will help to supply nitrogen. 10 lbs. Timothy, 8 lb. Sapling Clover to the acre. Alone use one peck to the acre.

CHEROKEE TIMOTHY—99½% Pure; 95% Germination.

Postpaid—Lb. 15c; peck $1.25.
Express—Peck $1.10; bushel, $4.00.

Kentucky Blue Grass

This true perennial combines more true points of excellence than any other grass. It is the most widely distributed of all native grasses. The densely creeping root stock, spreading habit and smooth even growth of fine texture and richest green color render Kentucky Blue Grass highly suitable for producing the rich velvety green turf so envied in all good lawns. It forms an early close turf in almost any soil, dry, rocky, sandy or gravelly, and withstands dry weather admirably. It takes several years to establish a heavy sod, and should, therefore, be sown with other grasses. Soils of Western North Carolina should be heavily limed before sowing lawns of Blue Grass. It is also most valuable for pastures because of its productiveness and the wonderful nourishing qualities of the green food. Sow 40 lbs. per acre for lawns and at the rate of 28 lbs. in mixtures for pastures.

Postpaid—Lb. 65c; 10 lbs. $6.00.
Express—Bus. $8.00; 50 lbs. $27.50; 100 lbs. $50.00.

Orchard Grass

Orchard Grass.

Orchard Grass is probably the best known and most universally used of all varieties of grass. It is very hardy and succeeds anywhere in the United States, yielding enormous crops of most nutritious hay for grazing. All livestock are very fond of it, green or dry, and it endures constant cropping better than any other grass. It has been found that Orchard Grass is peculiarly adapted for growing in the shade, and that while it succeeds well on soils of sandy textures, the ideal soils are clay uplands or stiff soils. For finest quality hay it should be cut just before blossoming when the stem is less hard and the pith of the stem is still soft and sweet. After being mown Orchard Grass grows up quickly and yields a heavier aftermath than any other variety of grass. Since this variety grows in tufts, to obtain best results Red Clover or Tall Meadow Oat Gross, both of which mature at the same time, should be sown with Orchard Grass. The usual rate of seeding of such a mixture is 6 lbs. Red Clover, 14 lbs. Orchard Grass, and 11 lbs. Tall Meadow Oat Grass per acre, or 8 lbs. Red Clover and 18 lbs. of Orchard Grass per acre. Orchard Grass sown alone requires 1½ bushels to 2 bushels per acre. For pastures Red Top, Kentucky Blue Grass, Canada Blue Grass, Rye Grasses, and Clovers are very desirable additions to Orchard Grass.

CHEROKEE BRAND—85% Purity, 85% Germination. This seed is radically recleaned, being of heaviest weight.

Postpaid—Lb. 35c; bushel $4.00.
Express—Bushel $3.75; 8 bus. at $3.65 per bu.
Domestic—Postpaid—Lb. 30c; bus. $3.75.
Express—Bus. $3.50; 8 bus. $3.25 per bu.

Red Top or Herd's Grass

A very hardy, native perennial grass well adapted for such a variety of situations that while succeeding best on moist lands, Red Top also flourishes in almost any soil and under all conditions, even withstanding hottest climates. Because it is perhaps our most permanent pasture mixture, every good hay and pasture mixture sown should contain a liberal quantity of this most excellent grass. It remains green for the greater part of the year, and its long trailing stems form a very close, matting turf that is not affected by trampling. Sow 8 or 10 lbs. to the acre.

Postpaid—Lb. 35c; 10 lbs. $3.25.
Express—10 lbs. $3.00; 100 lbs. $27.50.

Canada Blue Grass

A very hardy perennial grass, with creeping root stocks. It grows on the poorest and driest soils, sandy, gravelly or clayey, standing extreme wetness or drought, and keeping green until severe frosts of winter. It is especially valuable for dairy pastures, cows feeding on it yielding the richest milk and **the finest quality butter.** It is distinguished from Kentucky Blue Grass by its flattened, wiry stems and decidedly blue color. Sow 28 lbs. per acre alone.

Postpaid—Lb. 50c; 14 lbs. $6.75.
Express—14 lbs. $6.00; 100 lbs. $40.00.

Tall Meadow Oat Grass

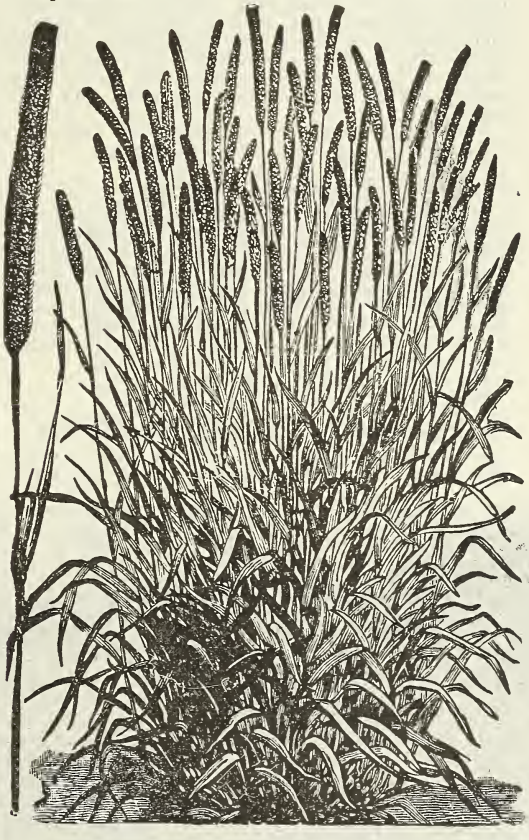
Tall Meadow Oat Grass is most highly esteemed for pastures on account of its early and luxuriant growth of an abundant supply of foliage, which is greatly relished by cattle both during early spring and autumn. It is the first green grass of spring, and seems to yield steady grazing until late fall, even during extreme drought or cold. For hay two cuttings may be made each season, and for green feed four or five cuttings may be had under favorable conditions. It matures with Orchard Grass and Red Clover, and mixed with these produces large yields of finest quality hay. All pasture mixtures should be composed of a percentage of this excellent year-around grazing crop. Sow 25 or 30 lbs. to the acre in Spring or Fall.

Postpaid—Lb. 60c; bushel, $5.50.
Express—Bushel, $5.25; 100 lbs. $45.00.

Meadow Fescue or Randall Grass

One of the grasses most used in permanent or temporary meadows for mowing or pasture. It succeeds best in cold moist light soils, in well-drained meadows and low valleys rich in organic matter. It reaches full development the second or third year, and then far exceeds most grasses in productiveness of a very superior feed, dry or green. After being mown it grows up quickly. It is highly relished by cattle and most nourishing. Sow 40 lbs. per acre.

Postpaid—Lb. 40c; 10 lbs. $3.75.
Express—10 lbs. $3.50; 50 lbs. $16.00; 100 lbs. $30.



Timothy.

"CHEROKEE BRAND" GRASSES—Continued.

Rhode Island Bent Grass

The Rhode Island Bent Grass has creeping roots and spreads and holds the soil together, although, if desired, is easily eradicated. It is especially recommended for lawns, pasturage and golf courses.

Postpaid—Lb. $1.35; 10 lbs. $12.50.
Express—10 lbs. $12.25; 100 lbs. $110.00.

Creeping Bent Grass

This is a most valuable grass for lawns and putting greens. It is of rapid growth and spreading habit, and the stoloniferous roots which penetrate deep into the soil form a strong enduring turf that is actually improved by constant trampling. Creeping Bent is a grass of fine texture.

Postpaid—Lb. $1.35; 10 lbs. $12.50.
Express—10 lbs. $12.25; 50 lbs. $55.00.

Italian Rye Grass

This grass resembles English Rye Grass considerably. It is very valuable, vigorous growing grass, suitable for furnishing in very short time a splendid green pasture. Also fine on lawns. It forms a good turf, and stands the dry weather remarkably well. This grass can be sown with success either in the fall of the year or very early spring. On rich land it will grow from 2 to 3 feet high. From 30 to 40 lbs. of seed should be used in seeding an acre.

Postpaid—Lb. 25c; 10 lbs. $2.00.
Express—10 lbs. $1.75; 100 lbs. $14.00.

Pacey's Perennial Rye Grass

Sow 25 lbs per acre.

This most valuable hay and pasture grass adapts itself to a great diversity of soils and should be largely used in permanent meadows of Western North Carolina. The seed is large and heavy, and produces a strong, verdant growth in four weeks after sowing. It matures into hay of the sweetest flavor, much relished by cattle and horses. It is largely used on lawns and golf courses.

Postpaid—Lb. 25c; 10 lbs. $2.00.
Express—10 lbs. $1.75; 100 lbs. $15.00.

Crested Dogstail

A true perennial, forming a smooth compact and lasting turf. It thrives best on rich, moist land, but is well adapted for almost any soil. The roots penetrate deeply into the ground, enable it to withstand severe drought. It is extremely valuable both for lawns and pastures as a bottom grass, and thrives well in the shade. It is sown at the rate of 30 lbs. per acre alone, but recommended only for use in mixtures.

Postpaid—Lb. 75c; 10 lbs. $6.00.
Express—10 lbs. $6.75; 50 lbs. $30.00.

Perennial or English Rye Grass

An early maturing, quick growing grass, making fine grazing and hay. Excellent mixed with other

Red Top or Herds Grass.

grasses, furnishing valuable permanent pasture and hay. It is also being largely sown in lawns. When sown alone, sow 30 lbs. to an acre.

Price—Lb. 25c; 10 lbs. $2.00; 100 lbs. $17.00.

Sheep's Fescue

Sheep's Fescue prefers dry uplands and thrives in poor shallow soils when other grasses fail. It is very hardy, resisting cold or extreme heat. Although of dwarf habit, it grows thickly, yielding large quantities of nutritious feed. It is largely used on lawns and golf courses on account of its fine foliage and dense dwarf growth. Sow 30 lbs. per acre.

Postpaid—lb. 45c; 10 lbs. $4.00.
Express—10 lbs. $3.75; 50 lbs. $18.00.

Bermuda Grass

This is the South's most valuable grass for pasturage, hay, and also largely used on lawns. Bermuda Grass is very largely used for sowing on hillsides, railway embankments, etc. Stands hot, dry weather remarkably well, making a most valuable summer pasturage grass. The seed should be sown broadcast 6 to 8 lbs. to acre from end of March to July. Do not sow too early, as the seed will not germinate in cool weather. Cover seed lightly, not more than half an inch. As this grass is very hard to eradicate it should not be used for temporary pasture.

Postpaid—Lb. 70c; 10 lbs. $6.75.
Express—Lb. 60c; 100 lbs. at 50c per lb.

A Harvest of "Cherokee" Quality Grass Seed.

Permanent Pasture and Hay Mixtures

It has been proven conclusively that many kinds of grass and clover seeds mixed together in proper proportion will produce on any soil a much larger yield and a more nutritious crop. It will give more cuttings and a longer period of grazing. Where a single grass is sown there will be vacant places that will fill up with weeds, while in a mixture there is seed adapted to all soils and as a result the whole surface will be covered with good grasses. Each and every variety of grass has its peculiar characteristics, some will withstand extreme drought, some are early and some are late and as a result a well-balanced mixture will give a green pasture under all conditions.

Our "CHEROKEE PASTURE MIXTURE" for upland and lowland is a mixture best adapted to the soils of Western North Carolina, and many of our customers that bought at first in small quantities are now sending us large repeat orders. The mixtures are giving the greatest satisfaction. When ordering please state whether for upland or lowland. Sow 30 to 35 pounds to the acre.

We have other formulas suitable for the soil and climatic conditions of all other parts of the South. If you will send us a sample of your soil, a little taken from several places and mixed together, we will be glad to test it for you and to recommend just what your soil needs, and what seeds are best adapted.

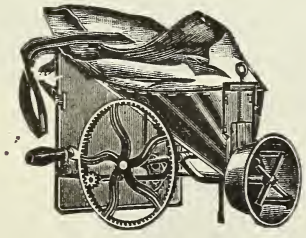
Cherokee Pasture and Hay Mixtures

UPLAND

Postpaid—Lb. 35c; 10 lbs. $3.25; 25 lbs. $7.50.
Express—10 lbs. $3.00; 50 lbs. $14.00; 100 lbs. $27.

LOWLAND

Postpaid—Lb. 35c; 10 lbs. $3.25; 25 lbs. $7.50.
Express—10 lbs. $3.00; 50 lbs. $14.00; 100 lbs. $27.



Cahoon Broadcast Seed Sower

FOR SOWING GRASS SEED, GRAIN, CLOVER SEED

The best seeder manufactured and sows all kinds of grain, clover, etc., rapidly and evenly. A person entirely unused to seeding can, by following the simple direction sent with machine, sow from four to six acres an hour at a common walking gait. It sows uniformly and saves four-fifths in labor by its use. Every farmer should have one of these sowers. Circulars giving full information and directions for use, mailed on application. **Price—$4.00. Postpaid—$4.25.**

SPECIAL MIXTURES

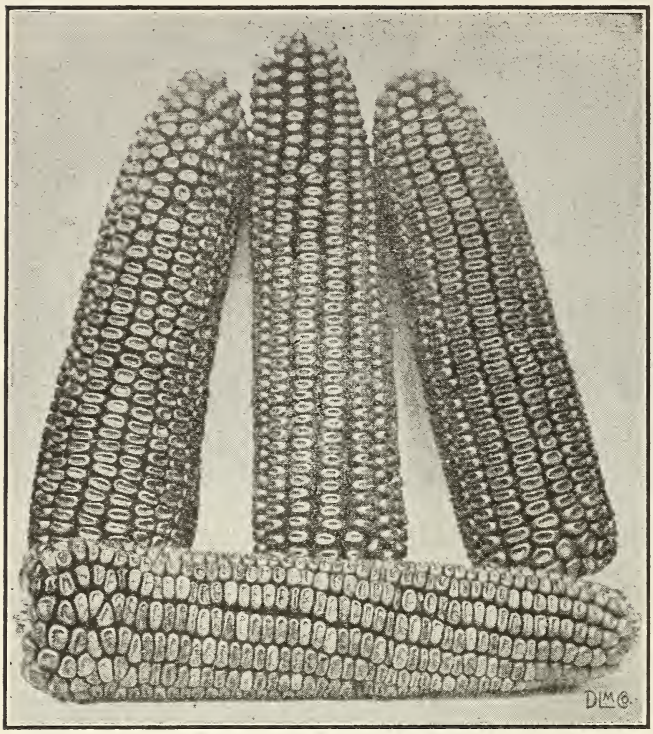
Postpaid—Lb. 35c; 10 lbs. $3.25; 25 lbs. $7.50.
Express—10 lbs. $3.00; 50 lbs. $14.00; 100 lbs. $27.

TIMOTHY AND CLOVER MIXTURES

Postpaid—Lb. 25c; 10 lbs. $2.25.
Express—10 lbs. $2.00; 100 lbs. $18.00.

Cyclone Seed Sower

This sower is guaranteed to distribute seed perfectly and evenly, will not throw seed in an upward direction or against the operator, but direct and evenly to the land; sows clover, timothy, red top or herds grass, oats, millets, sorghum cane, rye, wheat, buckwheat, turnip and other seeds that are sown broadcast. Time and money can be saved by the use of this sower. **Price—$2.00 each. Postpaid—$2.25.**



Improved Early Golden Dent.

Improved Selected Seed Corn

Early Maturing Varieties

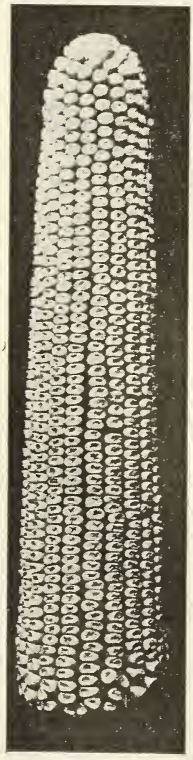
IMPROVED EARLY GOLDEN DENT CORN — This produces mammoth ears, maturing in 90 to 110 days. Ears are well filled with solidly set deep kernels of a beautiful golden yellow color. Produces 2 to 3 ears to the stalk. Stalks are robust and grow from 8 to 10 feet high.
Postpaid—Lb. 15c; pk. $1.10; bu. 3.65.
Express—Lb. 10c; pk. 90c; bu. $3.00.

IMPROVED LEAMING, The Golden King of Cattle Feeder's Corns—There is none better or yielding more bushels. Being rich in protein and oil, it is ideal from a feeder's standpoint. Color a beautiful golden yellow. It grows a strong rugged stalk 8 to 12 feet high; very profuse, broad blades, making it one of the best for ensilage and fodder varieties. Matures in 100 or 110 days; ears containing 16 to 20 rows on small red cob; usually two good ears to stalk running from 8 to 12 inches long.
Postpaid—Lb. 15c; pk. $1.10; bu. 3.65.
Express—Lb. 10c; pk. 90c; bu. $3.00.

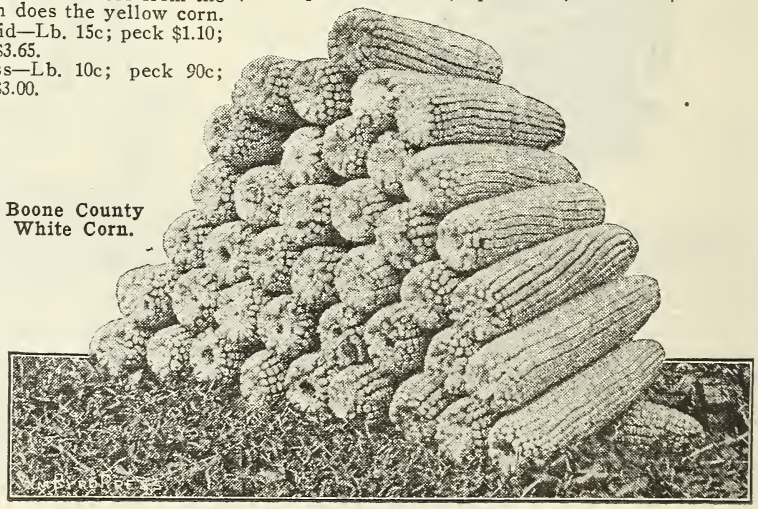
EARLY WHITE SNOW FLAKE—This variety is undoubtedly the earliest large corn in cultivation. The grain is deep white; cob small, white, sometimes running as much as 90 per cent grain. The average length of the ear is 8 to 11 inches, and the stalk is low, averaging about 7 to 8 feet. The ear is usually borne close to the ground. This variety admits of close cultivation, and, in our judgment, is one of the most profitable corns that can be grown for main crop. It has been known to make a roasting ear in 60 days after germinating. It will always be hard enough to grind in 90 to 120 days. It is largely used throughout the South for planting as late as July.
Postpaid—Lb. 15c; peck $1.10; bushel $3.65.
Express—Lb. 10c; peck 90c; bushel $3.00.

CHAMPION EARLY WHITE DENT CORN—Matures in 90 to 100 days. This variety is always ready for feeding, husking and marketing earlier than any other of the standard varieties of white corn by fully two weeks. Stalk of medium height ranging from 7 to 10 feet high (dependent upon the land, hill or bottom ground). The type of this corn is very even and uniform; large ears run from 9 to 12 inches long; 16 to 22 rows of pure white kernels; ears well filled out at butt and tip ends.
Postpaid—Lb. 15c; peck $1.10; bushel $3.65.
Express—Lb. 10c; peck 90c; bushel $3.00.

BOONE COUNTY WHITE CORN—It is a splendid yielder. In many places it is a great favorite. Highly recommended for an early maturing, heavy yielding corn for upland or good light loam soils. The ears are from 9 to 12 inches long, 7½ to 8½ ins. in circumference, containing 18 to 24 rows. The cob is medium size, and pure white in color. The ears are quite uniform in size, shape and appearance. Kernels are pearl white, quite deep. This variety grows a large stalk from 10 to 12 feet high, with an abundance of foliage, and like other white varieties, is the best for old, thin, poor soils. They gather more plant food from the air and less from the soil than does the yellow corn.
Postpaid—Lb. 15c; peck $1.10; bushel $3.65.
Express—Lb. 10c; peck 90c; bushel $3.00.



Champion Early White Dent.



Boone County White Corn.

IMPROVED SELECTED SEED CORN—Continued.

Later or Main Crop Corns

HORSE TOOTH ENSILAGE — Horse Tooth indicates the shape and depth of the grain. This is a splendid yielding field corn, making excellent ensilage. Very popular among dairymen.

Postpaid—Lb. 15c; peck $1.10; bushel $3.65.

Express—Lb. 10c; peck 90c; bushel $3.00.

HICKORY KING CORN—A medium early, prolific variety, with very broad and firm flat grain. The ears average about 8 inches long. The cob is exceedingly small, not much larger than a man's finger, and has 10 or 12 rows; will make fine roasting ears. For the production of meal it is not excelled by any sort. It is especially recommended for high land.

Postpaid—Lb. 15c; peck $1.10; bushel $3.65.

Express—Lb. 10c; peck 90c; bushel $3.00.

TENNESSEE RED COB WHITE CORN — An extra large field corn; grain long, broad and evenly lined on large red cob. The ears of this sort will run from 9 to 12 inches long, and have from 18 to 22 rows. It is rather a late maturing sort, but for bottom land or a main crop, this corn cannot be excelled. Our seed of this variety is grown in Tennessee, in the Tennessee River Valley, and is undoubtedly the highest developed type of this class of corn that can be obtained.

Postpaid—Lb. 15c; peck $1.10; bushel $3.65.

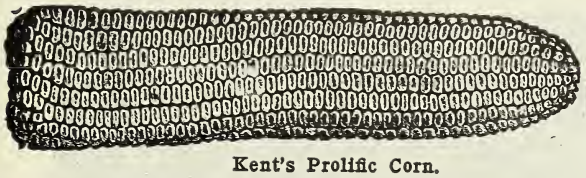
Express—Lb. 10c; peck 90c; bushel $3.00.

KENT'S PROLIFIC—Has been grown on the Kent Farms, Buncombe County, for 20 years. It can be relied upon to produce from 2 to 5 ears to the stalk. Grain white and flinty nature, making fine hominy and excellent meal. It is selected in the field, hand shelled, nubbed both ends, and without doubt one of the best seed corns on the market.

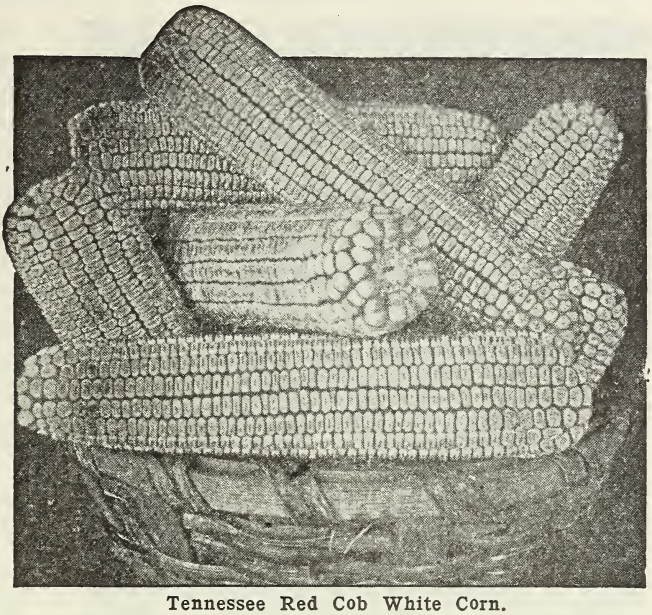
The supply is limited.

Postpaid—Lb. 15c; peck $1.25; bushel $4.50.

Express—Lb. 10c; peck $1.00; bushel $3.75.



Kent's Prolific Corn.



Tennessee Red Cob White Corn.

Pop Corn

A PROFITABLE CROP. Boys and girls can easily grow an acre or so and dispose of the product to the groceryman.

WHITE RICE—A very handsome and very prolific variety. Ears short; kernels long, pointed and resemble rice; color white. No variety of Pop Corn is superior to this for popping.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c; 15 lbs. $1.70; 50 lbs. $5.60.

Express—Pkt. 10c; ½ lb. 15c; lb. 25c; 15 lbs. $1.50; 50 lbs. $5.00.

QUEEN'S GOLDEN—This is a large-eared and handsome Pop Corn. The grains are large, pop perfectly white, and are exceedingly tender. The stalks grow about 6 feet high, and yield 3 or 4 ears each.

Postpaid—Pkt. 10c; ½ lb. 20c; lb. 30c; 15 lbs. $1.70; 50 lbs. $5.60.

Express—Pkt. 10c; ½ lb. 15c; lb. 25c; 15 lbs. $1.50; 50 lbs. $5.00.

Vetch

HAIRY or SAND VETCH—Has become very popular in the South as a land improver. It is also fine for hay and grazing, all kinds of stock relish it. While it is in bloom, bees make more than double as much honey, as at any other time. The honey is white and clear and of excellent quality. It grows well on all soils and does surprisingly well on poor, thin land. It withstands drought and extremes of heat and cold. It reseeds itself, coming year after year from one sowing. It has a wonderful value as a fertilizer. Sow early in the spring 20 pounds to an acre with 1 to 1½ bushels Red Rust Proof Oats, or you may sow in the fall to make hay about the end of May. It never winter kills. Alone sow about 50 pounds to the acre.

Postpaid—20c lb.; 10 lbs. $1.60; 50 lbs. $7.50.

Express—15c lb.; 10 lbs. $1.40; 50 lbs. $6.50.

OREGON SPRING VETCH—This crop has been largely grown on the Pacific Coast and has only recently been planted to a large extent in the South. It is an excellent soil improver as well as a nutritious hay and grazing crop. We recommend sowing 30 lbs. Vetch with 1 bushel Oats for grazing.

Postpaid—Lb. 20c; 10 lbs. $1.75.

Express—10 lbs. $1.50; 100 lbs. $12.00.

INOCULATE WITH FARMOGERM OR MULFORD CULTURE

See page 49.

Extra Early Burt, or 90-Day.

Sudan Grass—The Ideal Hay Crop

THIS NEW REMARKABLE HAY AND FORAGE CROP has created a sensation among the planters wherever shown on account of the universal success attained with it. Its adaptability to various kinds of soils and climates; its wonderful heavy yielding qualities of abundance of good nutritious feed.

SUDAN GRASS AT A GLANCE—From Farmers Bulletin 605, Department of Agriculture: "Sudan Grass is related to the cultivated sorghums and is thought by some to be the progenitor of this group. It was obtained from Khartoum, Sudan, in 1909. In appearance it is similar to Johnson Grass, but it is somewhat more erect, taller, and has a broader leaf. It lacks entirely the underground root stocks which make Johnson Grass a pest. Two or three cuttings can be obtained from it under favorable conditions. The yields vary from 1 to 8 tons of cured hay per acre. It promises to fill a long-felt want for a hay grass in the South, and will likely replace millets as a catch crop in the Central and Eastern States."

SOWING THE SEED—The seed should not be sown in this section until the weather becomes warm, about the first of May. Can be sown in drills or broadcast. When in drills about 2 feet apart, it requires about 10 lbs. of seed to an acre. If broadcast or drilled thickly, 25 to 30 lbs. to an acre is required.

Postpaid—Lb. 15c; 10 lbs. $1.25; 25 lbs. $2.85.
Express—Lb. 12c; 10 lbs. $1.00; 100 lbs. $9.00.

Golden or German Millet

TENNESSEE GOLDEN MILLET—Makes a large crop of most nutritious hay; rapid grower, and easily cured. Sow about 1½ bushels per acre from April to August, cut the hay before the heads form. Our Tennessee grown Millet not only produces a larger crop but a better quality of hay than the Western seed.

Postpaid—Lb. 20c; 10 lbs. $1.00.
Express—10 lbs. 85c; bushel $3.50.

Seed Oats

Oats should be sown in March and April and at the rate of 2 to 3 bushels to the acre, since they do not have time to stool as oats sown in the fall do.

We sell only tested seed and the pick of the crop; they insure a better stand and better yield.

BURT or 90-DAY OATS—This is unquestionably the quickest growing, most prolific, and surest cropping of all spring oats. It is a sure header, early maturing (about two weeks earlier than other varieties) and is rust-proof. The healthy, clean and vigorous growth produces an abundant yield of bright, heavy rain. Burt Oats are especially adapted for poor soils.

Postpaid—Peck 45c; bushel $1.50.
Express—Bushel about $1.10; 5 bushels at $1.00 per bushel.
Price fluctuates.

RED RUST PROOF—Our strain of this old favorite is direct from the best growers in Texas; this source of supply is considered best for Southern planters. Red Rust Proof produce a large yield of heavy, fine appearing grain. They also grow well in poor soil.

Postpaid—Peck 45c; bushel $1.50.
Express—Bushel about $1.10; 5 bushel at $1.00 per bushel.

WHITE SPRING OATS—A very popular variety in Western North Carolina. It is an excellent yielder of bright, clean grain; is extremely hardy and grows taller than other varieties.

Postpaid—Peck 35c; bushel $1.35.
Express—Bushel about $1.00; 5 bushels at 90c per bushel.
Prices approximate only. Write.

Virginia Gray or Winter Turf Oats

The wide popularity of Winter Turf Oats is probably due to their hardiness, since there is no other variety that can withstand such extreme cold. Experiments in practically all climates prove that these Oats seldom winter kill. It has remarkable stooling tendencies and is a heavy yielder of bright grain which very often weighs 35 to 40 pounds per bushel. We cannot recommend this variety too strongly, especially to farmers of Western North Carolina.

Postpaid—Peck 45c; bushel $1.65.
Express—Bushel about $1.25; 5 bushels at $1.10 per bushel. **Prices fluctuate.**

Golden or German Millet.

Miscellaneous Forage Crops

Buckwheat

This is a late summer crop that is very desirable for mountain sections. Buckwheat is largely grown for bees and grain. It is often planted as a soil improver to turn under or as a sure means of smothering out weeds.

JAPANESE—This is the earliest variety and possibly the best for the South. It is a prolific yielder of unusually large kernels, and has good branching qualities.

Postpaid—Lb. 15c; 10 lbs. 90c.
Express—10 lbs. 75c; bushel $2.75.

Mangel-Wurtzel or Stock Beets

One ounce for 50 feet of drill; 5 lbs. for one acre.

MAMMOTH LONG RED—On good soil sometimes grows 18 inches long. Dark leaves; skin bright dark red; flesh white with veined rings of rose-pink. An excellent keeper; nutritious and milk-producing.

Postpaid—Oz. 10c; ¼ lb. 20c; lb. 70c.
Express—Lb. 60c; 5 lbs. and over at 50c per lb.

CHAMPION GLOBE MANGEL—The best round Mangel. It is valuable for shallow soils, a better keeper than Long Red.

Postpaid—Oz. 10c; ¼ lb. 20c; lb. 70c.
Express—Lb. 60c; 5 lbs. and over at 50c per lb.

GOLDEN TANKARD—A yellow-fleshed variety, highly prized by dairymen for milk-producing qualities.

Postpaid—Oz. 10c; ¼ lb. 20c; lb. 70c.
Express—Lb. 60c; 5 lbs. and over at 50c per lb.

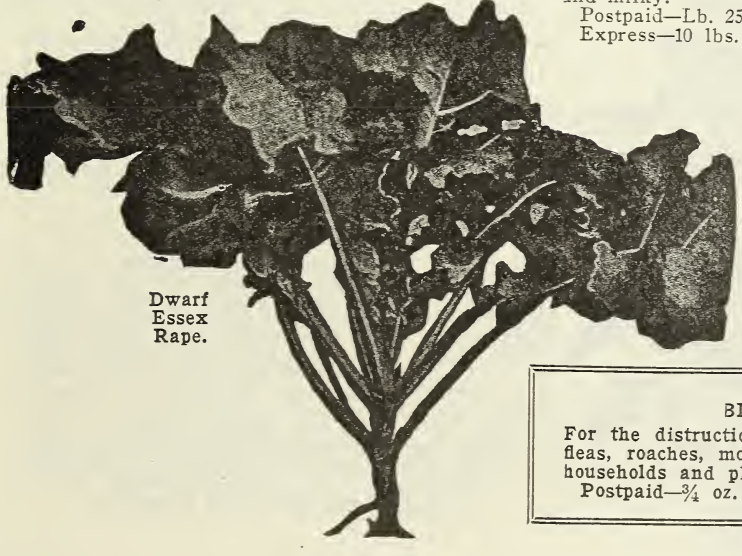
Rosen Rye

ROSEN RYE is the purest pedigree seed in existence, it is mixed with no other grain. The average yield is 35 bushels to the acre, while Mountain Rye has an average 21 bushels. It is better to plant this seed even if the price is twice as high. It produces a strong, vigorous straw and stools to a remarkable degree. The grain is large plump, heavy and of a beautiful color. Seldom winter kills and is especially good on lighter soils. On account of its vigorous stooling property less seed is required, three to four pecks per acre is sufficient. The market fluctuates. Write for prices.

Sorghum Cane

EARLY ORANGE—Strictly a forage crop like Amber Cane, considered by many to be the best yielder of all the cane forage crops; is medium late, and produces large stalks.

Postpaid—Lb. 12c; 10 lbs. 90c.
Express—Bushel $2.25.



Dwarf Essex Rape.

EARLY RED TOP SORGHUM—A late variety producing very large stalks and more syrup Largely utilized as a green hog feed.

Postpaid—Lb. 12c; 10 lbs. 90c.
Express—Bushel $2.25.

JAPANESE SEEDED RIBBON—This is the very best variety for syrup. It produces a large yield of syrup, the flavor of which is superior to all other varieties on the market.

Postpaid—Lb. 15c; 10 lbs. $1.00.
Express—Bushel $3.50.

BEARDLESS SPRING BARLEY—This variety sown in the spring matures as quickly as winter barley sown in the fall. It supplies fine green forage for cattle and poultry and also makes excellent hay. Can be sown with rye, vetch, and rape for spring grazing.

Postpaid—Lb. 15c; 10 lbs. $1.00.
Express—Peck 65c; bushel $2.00.

BROOM CORN (Improved Evergreen)—This is the best variety for the South, is tall and straight, fine green appearance when cured. Plant 10 to 15 lbs. to the acre in rows 3 feet apart; cultivate early and often. Harvest when seed becomes soft and milky.

Postpaid—Lb. 25c; 10 lbs. $1.90.
Express—10 lbs. $1.55; 100 lbs. $12.00.

Dwarf Essex Rape

Rape is one of the quickest and cheapest pasture crops for sheep, young cattle, poultry and hogs. Sown in the same manner as turnips, in drills or broadcast. When sown in drills, 5 lbs. to an acre is used; if sown broadcast, it requires 10 lbs. to an acre.

Postpaid—Lb. 20c; 10 lbs. $1.75.
Express—10 lbs. $1.50; 100 lbs. $12.00.

BLACK FLAG

For the distruction of ants, bed bugs, flies, fleas, roaches, moths and insects that infest households and plants.

Postpaid—¾ oz. size 25c; 1¾ oz. size 45c.

Peanuts

Culture—Shell the nuts and plant in April or May in drills 2½ to 3 feet apart, dropping them 12 to 15 inches apart in the drill. Work occasionally, cultivating flat and keeping the land clean of weeds.

SPANISH — An early small-sized variety which is enormously prolific, and the kernels are very rich and fine flavored. It is also very largely grown for stock-feeding, the vines and roots pulled up and cured making excellent, nutritious hay or very fattening hog food.

Postpaid—Lb. 30c; 10 lbs. $1.90.
Express—25 lbs. $3.75.

IMPROVED LARGE VIRGINIA—A very profitable variety to grow, and is easily cultivated; very erect; largest pods and kernels with fewer imperfect pods than any other variety. The vines make valuable forage for stock.

Postpaid—Lb. 30c; 10 lbs. $2.50.
Express—25 lbs. $5.00.

Soy or Soja Beans

Valuable Leguminous Plant—Summer Forage Crop

The cultivation of this crop is increasing rapidly, as its value and importance for a forage crop and soil improver. Soy beans are also valuable to the Southern farmer, as they resist the drought and hot weather to a great extent. Soy Beans are practically the only crop that furnishes a balanced ration feed in one crop. Both the forage and bean crop are very nutritious; can be sown in drills 3½ feet apart at the rate of ½ bushel to 3 pecks to an acre or broadcast 1½ bushels to an acre. Thick sowing prevents stalks from growing too coarse. Often successfully sown with cow peas, mixing ½ bushel Soy Beans to 1 bushel of cow peas to an acre. We list below the most popular varieties.

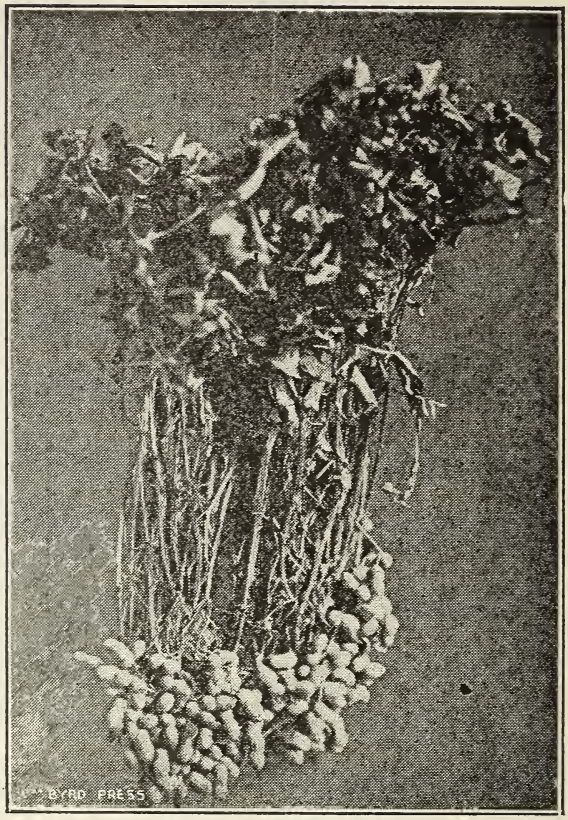
WILSON EARLY BLACK SOY—A very early variety, also very prolific. Has fine stems which enable it to cure for hay quicker than other varieties.

Postpaid—Lb. 20c; 10 lbs. $1.50.
Express—Bushel about $6.00.

MAMMOTH YELLOW SOY (SOJA)—This variety we consider especially valuable for this section and farther south. It makes the largest yield of forage and beans of any of the known varieties.

Postpaid—Lb. 15c; 10 lbs. 90c.
Express—Bushel $3.50. Price fluctuates. Write.

Mammoth Yellow Soy or Soja Beans.



Field or Cow Peas

AND FORAGE CROPS

The South's Great Soil Improver Hay

COW PEAS are too well known to give space to the value as a hay ensilage crop, their high feeding qualities and their great power of enriching the soil. We list the popular varieties below.

CLAY—Very similar to the Unknown, but earlier; vigorous growth, very popular.

Price—Qt. 20c; pk. $1.00; bushel, about $3.50.

WHIPPOORWILL—An upright growing variety. Early. Has brown speckled seed, which are easily gathered. Produces good vine growth.

Price—Qt. 20c; pk. $1.25; bushel, about $4.00.

IRON COW PEAS—A very early, small clay colored hard pea, of vigorous growth and disease-resistant qualities; very prolific bearer.

Price—Pk. $1.00; bushel, about $3.50.

BRABHAM—This variety is better adapted for light soils than heavy soils. It has proven in a number of tests to give larger yield of forage and peas than any variety on the market.

Price—Qt. 25c; pk. $1.25; bushel, about $4.00.

MIXED COW PEAS—Preferred by many farmers where the crop is intended for soil-improving; they will grow thicker than separate varieties, producing better crop of vines and forage.

Price—Pk. 85c; bu. about $3.25.

Velvet Beans

The Greatest Enriching Crop

100-DAY VELVET BEANS—This new variety is the quickest growing, earliest maturing of the Velvet Beans, making it possible to grow with success in North Carolina, Virginia and Tennessee. Velvet Beans thus giving the benefit to the soil that no other crop can give, far surpassing the Cow Peas for this. In addition to being a soil-improving crop, the 100-Day Velvet Beans make one of the best grazing crops for cattle. Velvet Beans are best planted in rows about 4 to 5 feet apart, at the rate of about ½ bus. to acre.

Price—Qt. 10c; pk. 75c; bushel about $2.75.

Inoculate this seed with Farmogerm.

High Grade Fertilizers

Pure Raw Bone Meal

Our Bone Meal is made from pure, raw bones and contains a higher percentage of plant food than that prepared from steamed bone. We guarantee our Bone Meal to analyze 24 per cent Phosphoric Acid and not less than 4½ per cent Ammonia. Bone Meal is an excellent fertilizer for all kinds of fruit trees, rose bushes, grape vines, bulbs, geraniums, ferns, palms, and other potted plants; with grass crops. Whether for pasture, hay or lawn, Bone Meal will be found not only a valuable fertilizer, but a cheap one. It dissolves gradually, supplying food steadily during the growing season.

Price—Pkt. $1.00; 50 lbs. $2.00; 100 lbs. $3.50; 200 lbs. $6.50; 1,000 lbs. $31.00; ton $60.00.

PULVERIZED SHEEP MANURE

A pure natural manure, free from all noxious weeds, and unequaled as a fertilizer for lawns, potted plants, vegetables, flowers, etc. It furnishes a natural humus to the soil, giving immediate and lasting results. We do not hesitate to recommend this excellent fertilizer as a good general source of high grade plant food; it will keep your lawns and plants green and flourishing during the growing seasons and protect them during the winter.

Price—Pkt. 50c; 50 lbs. $1.75; 100 lbs. $3.00; 500 lbs. $14.50; 1,000 lbs. $28.00.

Special price to florists, park owners, etc, on carload lots.

COW or CATTLE MANURE (Shredded)

It has been well said that one sack of this is equal to one carload of cow manure; is especially good for lawn, plant, and greenhouse fertilization. It is clean and convenient to handle.

Price—Pkt. 50c; 50 lbs. $1.50; 100 lbs. $2.75; 500 lbs. $13.00; 1,000 lbs. $25.00.

Acid Phosphate

Many Southern soils lack available phosphoric acid in lime, hence for this reason Acid Phosphate is an almost indispensable fertilizer. Although it is an excellent fertilizer for general crops, its principal value is a grain and grass fertilizer. Apply from 200 to 400 lbs. per acre and mix well with soil 2 or 3 weeks prior to seeding for best results.

Analysis: 16% Available Phosphoric Acid.

Price—200 lbs. $2.50; ton $22.50.

BASIC LIME PHOSPHATE

This is considered the best fertilizer for grain by all that have used it. It seems to prevent rust and other diseases, and the yield of wheat and rye has been much greater than when 8-2-2 and 16 per cent acid have been used. Use from 200 lbs. to 400 lbs. to the acre.

Price—$3.00 per 200 lb. bag; ton $27.50.

Special prices in larger quantities.

Grain and Grass Fertilizer

This is a quick acting and lasting fertilizer, especially prepared for grain and grass crops. The great popularity of this fertilizer is due to the increased production of crops and the permanent improvement of the soil that has resulted by its use. Apply 200 to 400 lbs. to the acre.

Analysis: Ammonia, 2 per cent; available Phosphoric Acid, 8 per cent; Potash, 2 per cent.

Price—200 lbs. $3.50; ton $32.50.

High Grade Vegetable

Apply 400 to 500 lbs. to the acre.

This complete fertilizer is especially prepared for beans, peas, cabbage, tomatoes, melons, and other vegetables. The ingredients dissolve quickly and supply available plant food immediately, producing wonderful results by the stimulation of the vegetable plants into a luxuriant growth.

Analysis: Ammonia, 4 per cent; available Phosphoric Acid, 10 per cent; Potash, 2 per cent.

Price—50 lbs. $1.50; 100 lbs. $2.50; 200 lbs. $4.50.

Potato Fertilizer

Highly recommended both for Irish and Sweet Potatoes and other root crops. It seems to be the most desirable fertilizer for root crops that can be had today, invariably increasing the yield per acre and the quality of the crop. It contains from 2 to 3 per cent Potash, 8 per cent available Phosphoric Acid, 2 per cent Ammonia.

Apply 500 to 600 lbs. per acre.

Price—200 lbs. $3.50; ton $32.50.

Tobacco Dust

The high percentage of Potash and Ammonia in this excellent fertilizer renders it invaluable for mulching, covering lawns, etc. It is also burned for fumigation purposes.

Price—10 lbs. 50c; 25 lbs. $1.00; 100 lbs. $3.00.

GROUND LIMESTONE

We are agents for the Blue Ridge Lime Company and handle their limestone exclusively. We advise the liberal use of this product, as the soil in this locality needs it badly. We are in a position to quote you on any quantity you may desire and can make special prices in carload lots. Write for prices.

NITRATE OF SODA

The most readily available form in which nitrogen can be had. Largely used for forcing vegetables, strawberries, etc., for applying to grass fields after each cutting, producing a strong, healthy growth and wonderfully increasing the yield.

Price—Lb. 10c; 25 lb. $1.50; 50 lbs. $2.25; 100 lbs. $4.00; 200 lbs. $7.00. Write for ton prices.

Inoculating Cultures *FOR LEGUMINOUS CROPS*

They Increase Your Crops and Improve Your Soil.

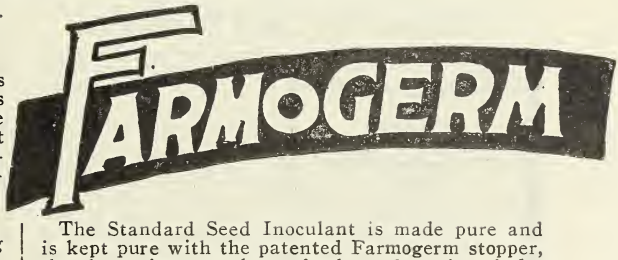
MULFORD CULTURES

Prepared and tested by experts. Each bottle is guaranteed to contain a pure, active, vigorous culture of nitrogen fixing bacteria for the legume indicated on the label. Always specify what crop you want to inoculate, as there is a different strain of bacteria for every legume. Inoculation means a large increase at a small cost.

Price—1 acre size $1.50; 5 acre size $5.00.

We can supply inoculation for the following crops:

Alfalfa, Red Clover, Crimson Clover, Sapling Clover, Sweet Clover, Alsike Clover, Burr Clover, Japan Clover, White Clover. Vetch, Cow Peas, Soy Beans, Velvet Beans.



The Standard Seed Inoculant is made pure and is kept pure with the patented Farmogerm stopper, the bacterias are kept fresh and active indefinitely. Farmogerm will not fail.

Price—1 acre size $1.00; 3 acre size $2.50; 12 acre size $9.00.

Full directions accompany each bottle.

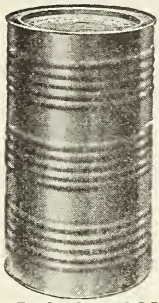
Orchard Supplies

Due to the frosts last spring, which ruined all the fruit in this locality, the trees were neglected and very few people sprayed as they should have done. The fruit next fall will be very poor unless the trees are taken care of this winter and spring, properly sprayed, pruned, etc. The Western North Carolina Apple Show held in Asheville, N. C., October, 1920, was an inspiration to all that saw the high grade fruit, the quality of which was unsurpassed in America. It also showed the farmers of Western North Carolina a way to turn old and unprofitable mountain lands into big money-makers.

Realizing the importance of a centrally located orchard supply house, to take care of the apple industry in Western North Carolina, the Asheville Seed Company established such a department last season. By purchasing in large quantities, we are able to furnish anything for the orchard at the very lowest competitive price, quality considered. We are in a position to furnish at a moment's notice insecticides, sprayers, pruners and other materials. Write for our prices in any quantity before buying.

Insecticides and Fungicides

Niagara Soluble Sulphur Compound



This material has been in general use among thousands of the best fruit growers in America for five years, and its value as an insecticide is firmly established.

It is a powdered material prepared from a special soda-ash and sulphur, which will dissolve readily in hot and cold water. When used for San Jose Scale it is quick and sure. As a dormant spray, SOLUBLE SULPHUR COMPOUND has no equal.

Besides its insecticidal value, NIAGARA SOLUBLE SULPHUR COMPOUND has many advantages over the old fashioned lime-sulphur solution. Chief among these are the elimination of 500 lbs. of water and package and the consequent saving of freight, the easy and convenient hauling and handling, keeps indefinitely in any climate, no loss from leakage, no freezing or crystallization, no bother returning empty barrels.

The use of this material means clean, top-of-the-market fruit at a considerable saving in time and money.

Especially for the control of San Jose Scale, we believe Niagara Soluble Sulphur Compound to be the best and most economical spray material on the market.

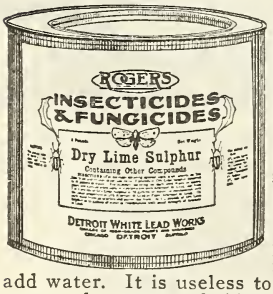
AMOUNT OF MATERIAL TO USE—For the Dormant Sprays, for the control of such troubles as San Jose Scale, Oyster Shell Bark Louse, etc., use 12½ pounds of NIAGARA SOLUBLE SULPHUR COMPOUND to 50 gallons of water.

Price—f. o. b. Asheville (fluctuates)—

100 lb. cans, per 100 lbs. 8.00
50 lb. cans.....$4.50 5 lb. cans..... .75
25 lb. cans..... 2.25 1 lb. cans..... .20

The use of Niagara Soluble Sulphur as other than dormant spray is not recommended. For summer spray use **Rogers Dry Lime Sulphur** and **Arsenate of Lead** or **"Pyrox."**

Rogers Dry Lime Sulphur



Rogers Dry Lime Sulphur is not a substitute for liquid Lime Sulphur Solution, but is actually the same in dry form. The regular 330 Baume liquid Lime Sulphur Solution is first made to meet all government requirements, and then by a special process reduced to dry form. To prepare it for spraying it is only necessary to add water. It is useless to explain to growers the many advantages of this excellent material, such as lower costs arrived at by convenience of handling, lower transportation charges, etc. The matter of most importance is the effectiveness. Thru exhaustive tests of both materials under the same conditions, experts representing both manufacturers and the agricultural department have found the results identical and that Dry Lime Sulphur would control the following effectively: San Jose Scale, Oyster Shell Scale, Apple Scab, Pear Scale, Peach Leaf Curl, Brown Rot, Leaf Spot, etc.

Rogers Dry Lime Sulphur for the control of all scales, San Jose, Oyster Shell, etc., when the trees are in a dormant state, is used in the ratio of 10 lbs. to 14 lbs. to 50 gallons of water.

Use from 3 to 4 lbs. of Rogers Dry Lime Sulphur and 1 lb. Dry Arsenate of Lead to 50 gallons of water for control of Apple Scab and Pear Scab. Brown Rot and Leaf Spot are controlled by adding 56 gallons of water to a mixture of 1½ lbs. Rogers Dry Lime Sulphur and 1 lb. Arsenate of Lead.

Dry Lime Sulphur is highly recommended for all summer sprays in connection with arsenic materials and Black Leaf "40" for control of insects and fungus. For more complete information write for our free booklet, "Guide to Successful Spraying." Price of Rogers Dry Lime Sulphur:

200 lb. drums..11c per lb. 25 lb. cans, 14c per lb.
100 lb. drums..12c per lb. 10 lb. cans, 16c per lb.
50 lb. drums..13c per lb. 5 lb. cans, 19c per lb.
1 lb. cans.....25c per lb.

Bowker's Pyrox

The Pyrox Drum.

Thousands of the fruit growers of America will use no other material for killing insects and controlling fungus diseases of fruits, vegetables, grapes, etc. PYROX is made of the purest raw materials and contains a poison in a form which has proved most effective for killing leaf-eating insects. PYROX helps to produce perfect fruit and vegetables by protecting plants or trees or vines from insects and fungus diseases. It increases the health and vigor of the foliage—keeps it a rich, green color throughout the growing season. This produces the finest quality fruit or vegetable, the kind that brings the highest market price.

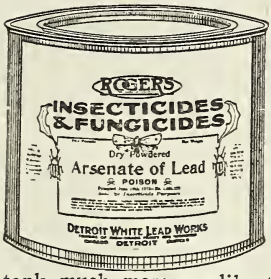
Full directions for use of PYROX on apples, pears, quinces, grapes, and vegetable crops will be supplied free. We cannot recommend this material too highly for vegetables and for summer sprays of fruit, especially apples.

Write for PYROX catalogue.

Price f. o. b. Asheville—Lb. 40c; 5 lbs. $1.50; 10 lbs. $2.50; 25 lbs. $5.75; 50 lbs. $10.00; 100 lbs. $18.00; 300 lbs. $51.00.

INSECTICIDES AND FUNGICIDES—Continued

Arsenate of Lead



Dry Powdered — The advantages of the use of a dry powdered form of Arsenate of Lead over the bulky paste material are many. It is an exceedingly fine divided fluffy powder, which is a greater bulk per given weight than any other powdered Arsenate of Lead manufactured. For this reason it goes into suspension in the spray tank much more readily than the paste lead or any other form of dry Arsenate of Lead. It contains 30 to 33 per cent of Arsenate of Oxide. It is very adhesive and sticks to the leaves and fruit for the longest possible time. This insures the greatest effectiveness at the lowest cost. These advantages make it much preferable to Paris green for destroying leaf-eating insects. Use 1 to 2 lbs. to 50 gallons water for general spraying.

Price—½ lb. 25c; lb. 35c; 5 lbs. $1.50; 25 lbs. $5.75; 50 lbs. $12.00; 100 lbs. $23.00.

FISH OIL SOAP AND TOBACCO—(Usually called Whale Oil Soap). An excellent preparation for plants infected by vermin. Also used against fungus diseases and will keep trunks of trees free from borers and other bark destroyers. Destroys the mealy-bug and nearly all lice on indoor plants and scale on palms.

Price—By express, lb. 25c.

CREO-SUL—A cold water dip, insecticide, disinfectant, deodorizer, antiseptic and detergent. Rapidly fatal to all insect pests which infest domestic animals, but positively harmless to the skin. Heals eruptions and cuts, and promotes new growth of fine hair and wool. A perfect sheep dip and splendid disinfectant. Invaluable for dog kennels, poultry houses, etc.

Postpaid—Pint 60c; quart 85c; ½ gal. $1.45; gal. $2.75.

Express—Pint 50c; quart 75c; ½ gal. $1.35; gal. $2.00.

"BLACK LEAF 40"—Destroys such insects as Aphis (Plant Lice), Thrips, Leaf Hoppers. Contains 40 per cent of nicotine. One ounce bottle makes about six gallons; ½ lb. tin makes from 40 to 150 gallons spray.

In order to assist the "Black Leaf 40" to penetrate to and thoroughy wet the insect, it is advisable when spraying with "Black Leaf 40" alone to add 3 or 4 lbs. of dissolved soap to every 100 gallons of spray. When using "Black Leaf 40" in combination with other sprays, do not use soap.

Price—1 oz. 35c; ½ lb. tin $1.25; 2 lb. tin $3.75; 10 lb tin $15.50.

PARIS GREEN—Is very poisonous. Is known to be the most reliable destroyer of all leaf-eating insects, but is almost worthless for destroying what is known as sucking insects. If thought desirable to use in solution, which is really the most economical way, from ¼ to 1 pound will be sufficient to add to 50 gallons of water, or 1 pound to 50 pounds of land plaster, the quantity depending upon the tenderness of the foliage it is to be applied to.

Price—¼ lb. 20c; ½ lb. 35c; lb. 55c; 5 to 10 lb. lots 50c per lb.

INSECTO POWDERED BORDO—Endorsed by leading entomologists. Will prevent blight, scab, rust, mildew, black-rot, and other fungus diseases of plants and fruits; also will improve the quality and increase the yield. It should be used on grapes, cucumbers, melons, tomatoes, etc. Potatoes respond generously to thorough spraying. To make a combined Fungicide and Insecticide, add 1 pound of Paris Green or 2 pounds of Arsenate of Lead to 150 gallons of the diluted mixture. 8 lbs. of Dry Insecto Bordo makes 50 gallons of spray mixture.

Price—1 lb. can 40c; 5 lbs. $1.75; 25 lbs. $6.25.

Hammond's Slug Shot

A light, composite, fine powder, easily distributed by duster, bellows or in water by spraying. It is thoroughly reliable in killing worms, bugs, fungi, etc., on cabbage, currants, beans, cucumber, squash, cauliflower, potatoes, etc., and other vegetable crops. Slug Shot keeps garden crops free of diseases and insect pests, invigorates the plants, and increases yields. It is convenient to handle.

Postpaid—Lb. 30c; 5 lbs. 85c; 10 lbs. $1.55.

Express — Lb. 25c; 5 lbs. 75c; 10 lbs. $1.40; 50 lbs. $6.00; 100 lbs. $11.50.

HELLEBORE—For worms, caterpillars, etc. Less poisonous than Paris green and Arsenate of Lead, and safer to use when vegetables and fruits are nearly ripe. Dissolve 1 oz. to 2 gals. of water.

Price—Lb. 70c.

SULPHUR — For making Lime-Sulphur Spray, for mildew and plant mites. By mail postpaid, lb. 15c; 10 lbs. $1.00. By express—lb. 10c; 10 lbs. 75c; 25 lbs. $1.65; 50 lbs. $3.00; 100 lbs. $5.00.

VERMINGO—Insecticide and Disinfectant. It kills by contact bed bugs, roaches, fleas, moths, lice, ants, etc. Use freely in house as disinfectant.

Bottle 25c; ½ gal. $1.50; gal. $2.75.

CARBOLA WHITE PAINT—It is recommended for killing lice, mites, fly eggs, etc., and as a preventive of the contagious diseases that effect stock and poultry. Can be applied with brush or sprayer, a disinfectant paint that dries white; use instead of whitewash.

Postpaid—25 ounces 40c; 10 pounds $1.45.

Express—25 ounces 30c; 10 pounds $1.30.

Write for prices in large quantities.

SULPHO TOBACCO SOAP—For a cheap, effective, clean and harmless insecticide for amateur and professional growers this is unexcelled. Quickly exterminates all insect life on plants and flowers in and out of doors. Unsurpassed for rose bushes. For domestic purposes it rids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. A trial will give highly gratifying results.

Price—3 oz. cake, sufficient for 1½ gals. prepared solution, for 10c; by mail, postpaid, 13c. 8 oz. cake, sufficient for 4 gals. prepared solution, for 20c; by mail, postpaid, 28c.

ANTISEPTIC COMPOUND—A powerful disinfectant for general household and disinfecting uses. An excellent deodorizer. Full directions for using on each bottle. Pint bottle makes 24 gallons fluid.

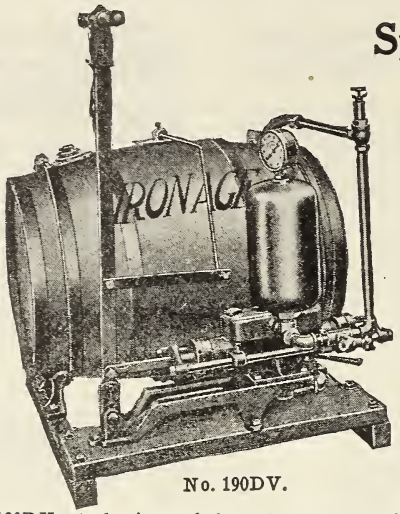
Price—Pint bottle $1.00; postpaid $1.10.

KEROSENE EMULSION—For Sucking Insects. A safe and sure remedy for squash-bugs, plant and bark-lice, San Jose Scale, caterpillars, rose-bugs, green-fly, melon and pea louse, and all sucking insects. Ours is a perfect emulsion and will not separate. It is in concentrated form—add 25 to 50 gallons of water to one gallon of emulsion, and it is ready for use. Spray before the blossom buds open and again after the blossoms fall. The second spraying should have Paris green mixed with it to kill leaf-lice, aphis and insects.

Pint 25c; quart 45c.

RED CROSS RAT EMBALMER
Endorsed by the U. S. Government. It leaves no odor. It dries them up.
Price—50c, $1.00, $3.00.

Sprayers



No. 190DV.

No. 190DV—A horizontal barrel sprayer which is adapted for mountain or lowland orchards. Every part is made of the very finest material. Note mounting of 50-gallon barrel and pump; they will withstand roughest usage. The outside pump prevents corrosion; the solution touches brass parts only; all parts are easy to get at and decent to handle. The pump is double acting, and so constructed that nothing except brass parts touch the solution. It is simple of construction, and easy to operate. Pressure 150 lbs. with four nozzles. Price—$55.00.

Hose extra at $8.00 per complete lead.

MODEL BX—Friend Power Sprayer.

The most popular, lightweight, medium capacity power sprayer made. This is the original hilly orchard model designed many years ago for mountain work in Virginia, now proven most practical in all sections.

BX motorpump used, 200 gallon tank, direct propeller agitator, low down, short turn, large wheel, easy drawing, "Friend" style; spray-gun equipment. Write for prices.

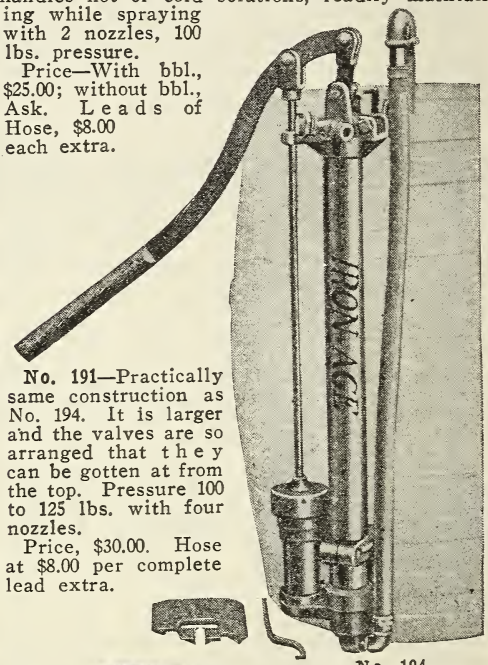
No. 190—Horizontal Barrel Sprayer the same as 190DV, except that the pump is single acting. Fifty-gallon capacity; 100 to 125 pounds pressure, with two nozzles; valves, bronze balls which find their seat easily. No corrosion; solution touches brass parts only.

Price—$40.00. Hose extra at $8.00 per complete lead.

No. 196—With Single-Acting Pump. For use in any wagon, cart or sled. Horizontal Barrel Sprayer; has same style pump of 190. The double capacity of the barrel saves time in refilling and should appeal to large orchardists. The tank is made of best grade of one-inch cypress, held together by adjusting steel hoops and securely mounted on skid frame tilted with automatic double agitator. Price—$50.00.

No. 194—This vertical barrel sprayer is especially designed for small orchards and garden work. The outside pump cannot corrode; is easy to repair and more pleasant to handle. Nothing inside except galvanized suction pipe and automatic dasher to keep the solution stirred. The valves are bronze and find their seat easily; the hemp packing has lead core and does not harden. It handles hot or cold solutions, readily maintaining while spraying with 2 nozzles, 100 lbs. pressure.

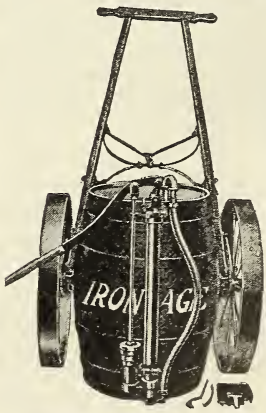
Price—With bbl., $25.00; without bbl., Ask. Leads of Hose, $8.00 each extra.



No. 194.

No. 191—Practically same construction as No. 194. It is larger and the valves are so arranged that they can be gotten at from the top. Pressure 100 to 125 lbs. with four nozzles.

Price, $30.00. Hose at $8.00 per complete lead extra.



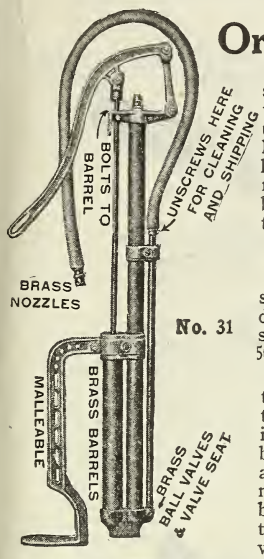
No. 194T—Packed weight 222 pounds.

No. 194T — The rig consists of No. 194 mounted on a steel wheel truck and 50-gal. barrel. Transports solution easily and without waste. May be used as a sprinkler of water and other materials.

Price, $50.00. Hose at $8.00 per complete lead extra.

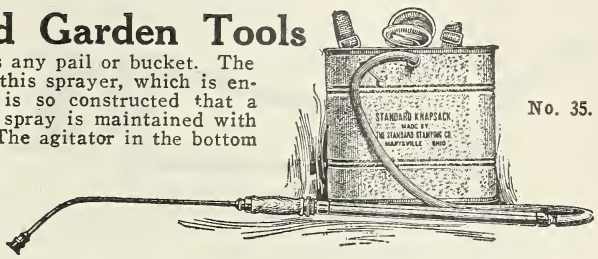
Ask for prices of Sprinkler Attachment

Orchard, Lawn and Garden Tools



No. 31

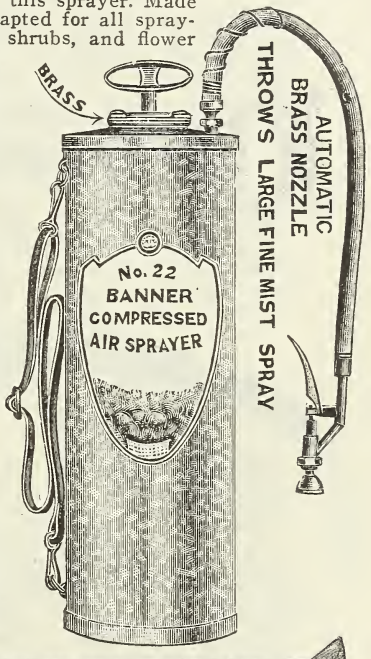
No. 31—Bucket Spray Pump; fits any pail or bucket. The strongest solutions do not affect this sprayer, which is entirely constructed of brass. It is so constructed that a uniform pressure and continuous spray is maintained with little effort on part of operator. The agitator in the bottom keeps the material thoroughly mixed at all times. It is of best material and workmanship throughout.
Price, $7.00 complete.

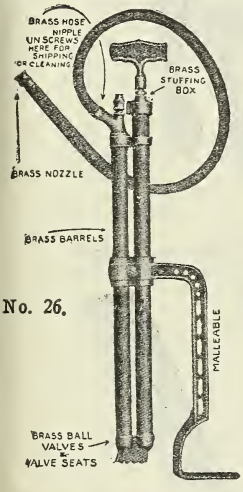


No. 35.

No. 26—Brass Spray Pump; fits any bucket and produces a continuous unbroken spray with slow and easy pumping. It is such a powerful little sprayer that by detaching the stirrup and bolting the pump to barrel staves with castings, a very satisfactory barrel outfit for use on fruit trees, etc., may be had. It throws a stream 50 feet that may be regulated from the finest to a coarse spray. Price, complete, $5.00.

Smith's No. 22 Banner Compressed Air Sprayer—A glance at the illustration and the description will convince you of the superiority of this sprayer. Made to withstand extraordinary wear. No. 22 Banner is adapted for all spraying, and is unsurpassed for spraying gardens, plants, shrubs, and flower beds. It is also used successfully for whitewashing and spraying disinfectants. The four-gallon tank is made of heaviest galvanized steel; the pump is all brass and is fitted with golden automatic nozzle which throws a long distance a coarse or fine spray. It is conveniently carried on the shoulder by adjustable straps.
Price, complete, Galvanized Tank, $9.00.





No. 26.

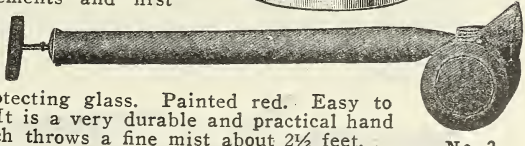
Standard Spray Pump

A very simple and powerful direct-action force pump, so carefully designed and so accurately fitted that friction is reduced to the minimum. Practically every ounce of force the user exerts is made available in useful work. It consists of galvanized knapsack with adjustable shoulder strap; solid brass pump of great strength and durability; two nozzles for coarsest or finest spray, and brass extension. It does all general spraying well in gardens, flower beds, and orchards, and is particularly suitable for rough mountain orchard spraying.

Postpaid—Pump, $5.25; complete express $5.00.
No. 35 Knapsack, postpaid $3.25; express $3.00.

Hand Atomizers

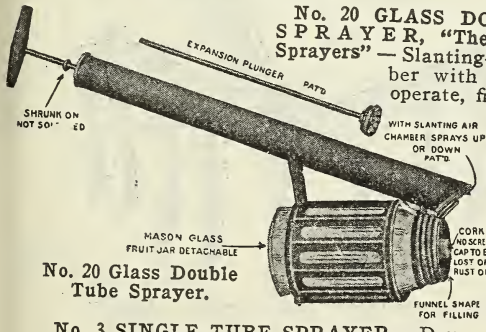
Hand Atomizers are indispensable to any home. Their simplicity, rapid and thorough work in gardens, flower beds, poultry houses, etc., make them a real necessity whether you own a large sprayer or no. We offer in this ctatalogue a list of atomizers that are representative of the latest improvements and first quality.



No. 2 Single Tube Sprayer.

No. 20 GLASS DOUBLE TUBE SPRAYER, "The King of All Sprayers" — Slanting-end air chamber with metal case protecting glass. Painted red. Easy to operate, fill and clean. It is a very durable and practical hand atomizer which throws a fine mist about 2½ feet.
Postpaid—$1.35.

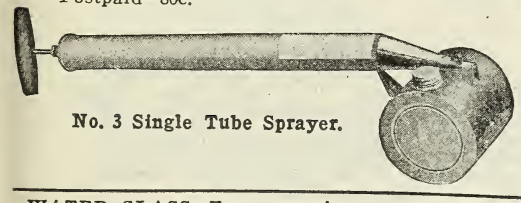
No. 2 SINGLE TUBE SPRAYER—Extra large air chamber throws spray over great area with force. Extending cone-shaped end through double-seamed reservoir gives strength, rigidity and durability.
Postpaid—(Tin), 85c.



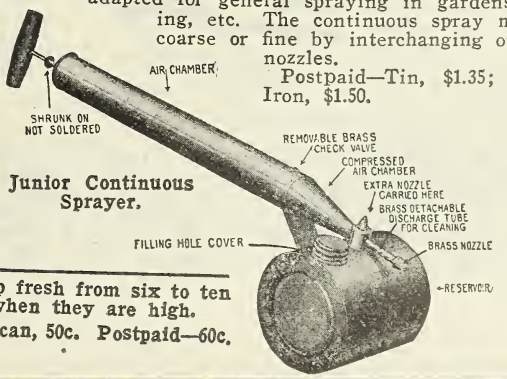
No. 20 Glass Double Tube Sprayer.

JUNIOR CONTINUOUS SPRAYER—This excellent hand sprayer is made of tin and galvanized iron. It is well constructed of the very best materials, is convenient to handle, easy to clean and all pump parts are brass. It is adapted for general spraying in gardens, disinfecting, etc. The continuous spray may be had coarse or fine by interchanging of the brass nozzles.
Postpaid—Tin, $1.35; Galvanized Iron, $1.50.

No. 3 SINGLE TUBE SPRAYER— Double-seamed reservoir; air chamber large. A band brace protects the single brass discharge tube extending into air chamber.
Postpaid—80c.



No. 3 Single Tube Sprayer.

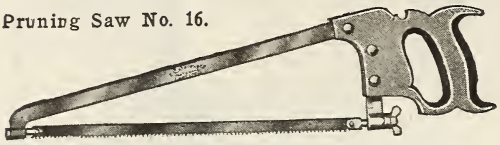


Junior Continuous Sprayer.

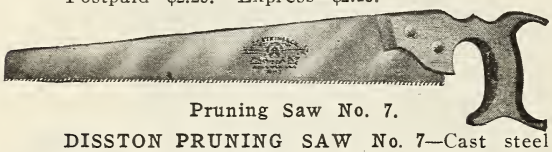
WATER GLASS—For preserving eggs. Will keep fresh from six to ten months. Put up when eggs are cheap, use them when they are high.
One Gallon enough solution for 50 dozen. 1 quart can, 50c. Postpaid—60c.

ORCHARD, LAWN AND GARDEN TOOLS—Continued.

Pruning Saw No. 16.



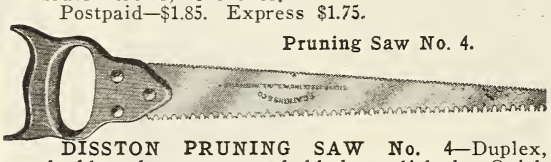
DISSTON PRUNING SAW No. 16—Crucible blued steel blade; polished flat steel frame, slightly tapered; riveted socket; swivel stretcher; adjustable blades; beechwood handle.
Postpaid—$2.25. Express—$2.15.



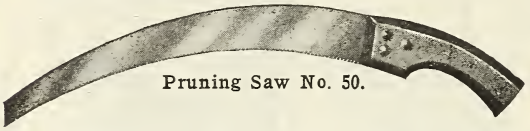
Pruning Saw No. 7.

DISSTON PRUNING SAW No. 7—Cast steel blade, applewood handle, polished edges; two brass screws, 18 inches.
Postpaid—$1.85. Express $1.75.

Pruning Saw No. 4.



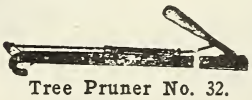
DISSTON PRUNING SAW No. 4—Duplex, double edge, cast steel blade, polished. Quick acting teeth on one side and plain teeth on reverse edge; beechwood handle, polished; three brass screws; 16 inches.
Postpaid—$1.85. Express—$1.75.



Pruning Saw No. 50.

DISSTON PRUNING SAW No. 50—Crescent Shape—Crucible steel blade, polished, carved beechwood handle, brass screws; 14 inches.
Postpaid—$1.50. Express—$1.25.

TREE PRUNER No. 32—Select hardwood pole, natural finish; forged steel hook; tempered crucible steel draw cutting knife, blade 4¾ inches long, insuring ample leverage: steel wire drawing rod; steel lever handle. It does satisfactory pruning from the ground or on outer trunks of large trees.
Express—6 foot extension, $1.25; 8 foot extension, $1.75.



Tree Pruner No. 32.

Pruning Shear No. 34.

PRUNING SHEAR No. 34—Polished steel cutting blade, improved elliptic spring; black malleable steel handles, with lever latch.
Postpaid—$1.60. Express—$1.50.

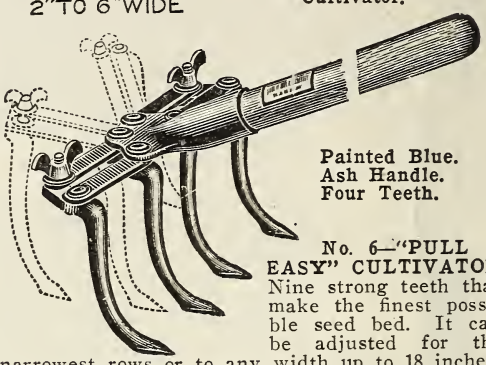
PRUNING SHEAR No. 30—Extra heavy carved blade and hook, forged from highest-grade crucible steel, polished and tempered; heavy steel bolts and nuts, hardwood handles varnished. A superior type of shear.
Postpaid—$3.15. Express—$3.00.

Pruning Shear No. 30.

TREE PRUNER No. 33—Malleable iron frame, Japanned, 7¾ inches long, 2 inch hook socket 1⅛ inch inside diameter, with screw in center to fasten to pole or handle; steel knife with shank 5½ inches long; steel spring fastened to hook by machine screw.
Postpaid, $3.15. Express, $3.00.

ADJUSTABLE 2" TO 6" WIDE

No. 6 "Pull Easy" Cultivator.



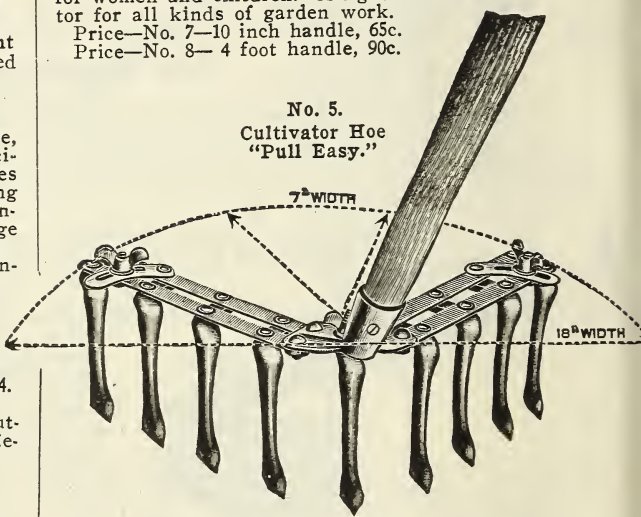
Painted Blue.
Ash Handle.
Four Teeth.

No. 6—"PULL EASY" CULTIVATOR Nine strong teeth that make the finest possible seed bed. It can be adjusted for the narrowest rows or to any width up to 18 inches. Steel parts are enameled blue; finest ash handle.
Price, $1.50.

Junior "Pull Easy."

JUNIOR "PULL EASY"—Especially designed for women and children. A light durable cultivator for all kinds of garden work.
Price—No. 7—10 inch handle, 65c.
Price—No. 8— 4 foot handle, 90c.

No. 5.
Cultivator Hoe
"Pull Easy."

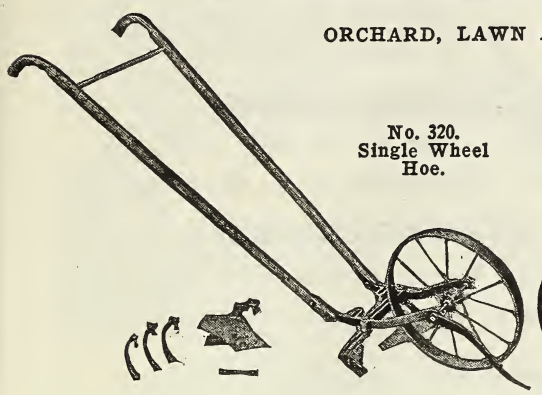


No. 5—CULTIVATOR HOE "PULL EASY"—Five long, grasping teeth deeply channeled to give maximum strength with extreme lightness. It pulverizes and rakes finely the hardest soil and cultivates between rows in a superior fashion.
Price, $1.35.

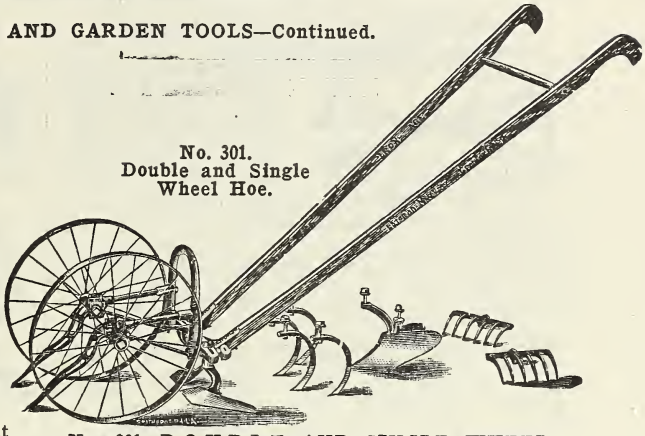
"NESCO" OAT SPROUTER

The "Nesco" Oat Sprouter consists of six high-grade galvanized iron pans, fitted ingeniously into a cast-iron frame one on top of the other. These pans are perforated to give the exact amount of moisture, to insure the germination of the oats, and to prevent souring. Express—$6.00.

ORCHARD, LAWN AND GARDEN TOOLS—Continued.



No. 320.
Single Wheel Hoe.



No. 301.
Double and Single Wheel Hoe.

No. 320—A strong, durable, inexpensive tool that will do all the between-the-row cultivating, furrowing, ridging, weeding, leveling, etc., required in any home garden. Tools include pair side hoes, landside plow, and three steel cultivator teeth, adjustable for close or wide cultivation.
Price—$8.00. Complete, with rake, $8.50.

Plow No. 50—Is a good low-priced cultivator which has been very popular for several years. The frame is of wrought flat steel, handles adjustable to three different heights. Hand grips 7 inches long; wheel 24 inches in diameter. This is particularly suitable for cultivating rough land.
Price, $4.00.

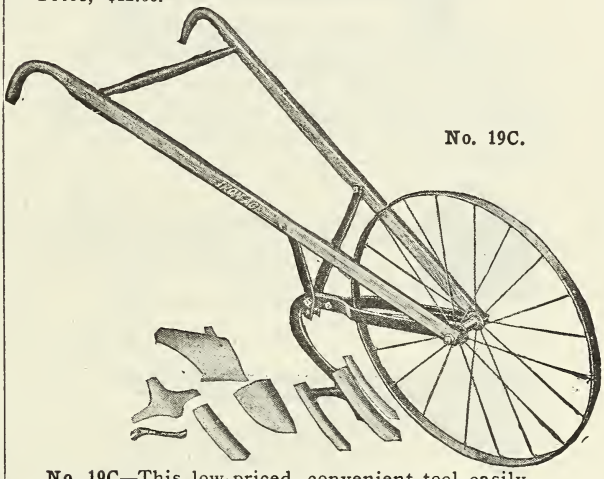
No. 306—COMBINED HILL AND DRILL SEEDER and Double Wheel Hoe—Is the same tool as No. 315 except that it can be made into a double wheel hoe, and has higher frame equipped with landside plow instead of pair of double plows.
Price, 306 complete, $20.00.

No. 12—WHEEL PLOW AND CULTIVATOR—Will plow in all but hard ground, open furrows and cover them; hill growing crops, hoe, rake and cultivate.
Price, $7.00.

GEM SINGLE—Equipped with five slender cultivator teeth, two sizes of scuffle hoe for work between the rows. Especially for use in hard soil.
Price, $8.00.

No. 315—COMBINED HILL AND DRILL SEEDER and Single Wheel Hoe—Is a most popular and complete tool, especially planned for all garden work. In a single operation it will open its own furrow, sow in continuous rows or drop in hills, cover the seed with loose soil, pack it with a roller and mark the next row. All vegetables—Asparagus, Beets, Cabbage, Carrot, Onion, Cucumber, Melons, Spinach, Radish, Peas, etc.—are planted with No. 315; in a most accurate manner insuring an even stand and a well laid out garden. The changes from hill to drill seeder or single wheel hoe for cultivation of vegetables are made with ease and rapidity. All tools shown on the illustration accompany this tool.
Price, 315 complete, $16.75.

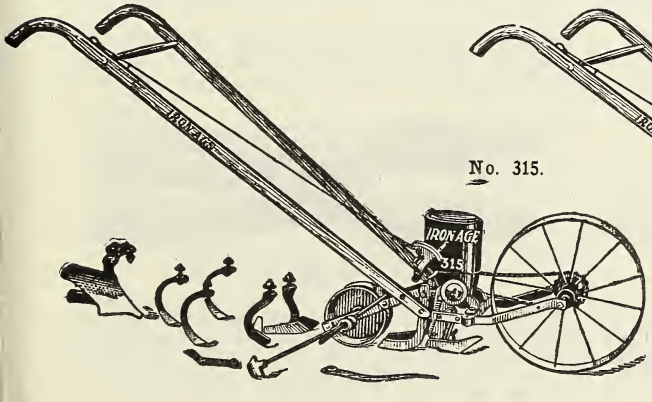
No. 301—DOUBLE AND SINGLE WHEEL HOE—Can be changed from double to single in a minute—an extremely valuable feature. You can hoe, cultivate, ridge growing crops, weed level, and pulverize your soil; open furrows, mix fertilizers, cover seed with this excellent tool.
Price, $12.00.



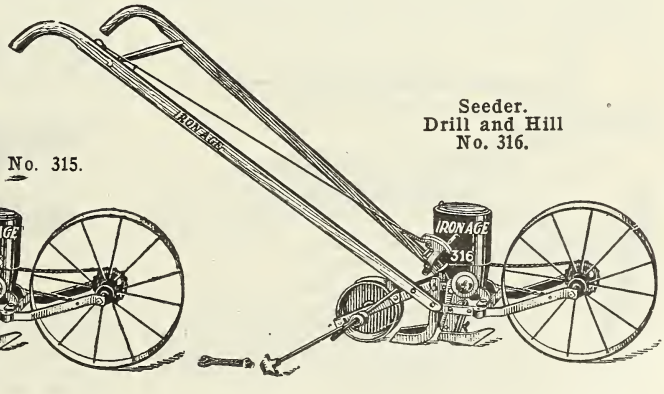
No. 19C.

No. 19C—This low-priced, convenient tool easily keeps the ground in perfect cultivation. Equipped with 24 inch wheel, two sizes single teeth, a scuffle hoe, and set of three teeth on one bracket for hoeing and cultivation between wider rows.
Price, $6.00.

No. 316—DRILL AND HILL SEEDER—Is an important tool built especially for those who do not care for a combined tool. It sows in continuous rows or deeply in drills, and is identically the same tool as No. 315 without cultivator attachments. Price, $15.50.



No. 315.



Seeder.
Drill and Hill
No. 316.

ORCHARD, LAWN AND GARDEN TOOLS—Continued.

No. 120 Floral Set.

No. 120 FLORAL SET—Composed of hoe, shovel and rake. The handles are short, making them particularly adapted for working in flower beds or children's gardens.
Postpaid—$2.50. Express—$2.25.

No. 121 FLORAL SET—Consists of heavy shank hoe, 5-tooth iron rake, heavy 6-inch English Pattern trowel. All finished in gold bronze.
Postpaid—$1.40. Express—$1.25.

OAK LEAF ASPARAGUS KNIFE No. 122—Special quality tool steel blade, tempered and hardened, hardwood handle; length of blade, 15 inches. Postpaid—80c. Express—75c.

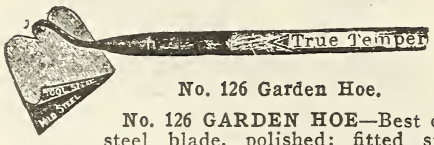
GARDEN HOE No. 127—Cast steel, finely tempered, half polished and painted; ½ inch solid shank; straight grained white ash handle.
Price, 75c.

Ladies' Hoe No. 128.

LADIES' HOE No. 128—First quality steel, polished, gold bronzed shank and ferrule, straight-grained white ash handle. A durable hoe of light weight for the garden and flower culture.
Price, 75c.

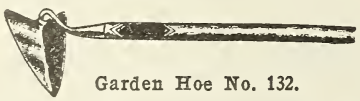
No. 123 UNHANDLED EYE HOE—Finest quality crucible steel; can be filed or sharpened. 7-inch blade.

Postpaid—75c. Express—65c.



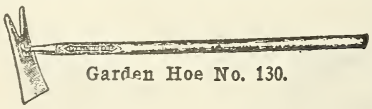
No. 126 Garden Hoe.

No. 126 GARDEN HOE—Best quality steel blade, polished; fitted straight grain white ash handle thoroughly seasoned and waxed. Price, $1.00.



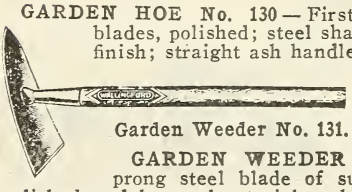
Garden Hoe No. 132.

GARDEN HOE No. 132—Heart shape blade, extra quality and finish; 7½ inch blade, solid socket; full polished, straight grain ash handle. Of particular merit in culture of flowers and vegetables. Price, $1.25. Cheaper quality, 85c.



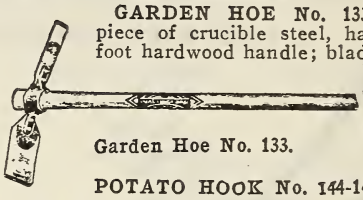
Garden Hoe No. 130.

GARDEN HOE No. 130—First quality steel blades, polished; steel shank, gold bronze finish; straight ash handle. Blades 3½x9; 4-ft. handle. Price, 65c.



Garden Weeder No. 131.

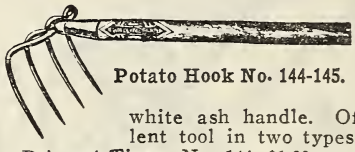
GARDEN WEEDER No. 131—One prong steel blade of superior quality; polished and bronzed; straight white ash handle, capable of pulverizing tough soils; a durable, strong implement. Price, 60c.



Garden Hoe No. 133.

GARDEN HOE No. 133—One special piece of crucible steel, half polish; 4½-foot hardwood handle; blade 3½ in. wide. Used for heavy digging and pulverizing stiff soils. Price, 85c.

POTATO HOOK No. 144-145—Broad oval tines of remarkable durability; straight shank; plain ferrule; 4½ ft. straight grain white ash handle. Offer this excellent tool in two types.

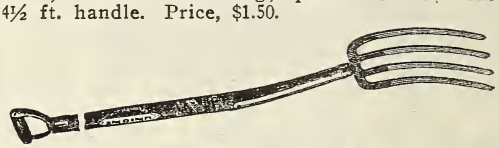


Potato Hook No. 144-145.

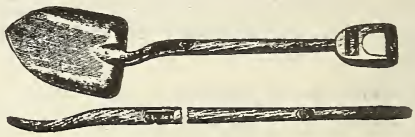
Price—4 Tines, No. 144, $1.00.
Price—6 Tines, No. 145, $1.50.

Fork No. 147.

MANURE FORK No. 147—Strap ferrule; gold and blue finish; straight grain white ash handle. We offer only one fork; a superior quality in steel; tines 10 inches long; spread 8 inches wide; 4½ ft. handle. Price, $1.50.

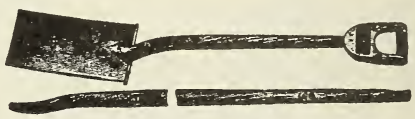


SPADING FORK No. 146—Fine bronze finish; angular steel tines of first quality; straight grained white ash handle. This tool is indispensable to all gardeners in preparing hotbeds, etc., for small seeds. Price, $1.90.



Short Handle Shovel No. 150.

SHORT HANDLE SHOVEL No. 150—Extra cast steel; plain back socket strap; straight grain white ash handle. Used for dirt, coal, manure, etc. Price, $1.50. Same design with long handle, $2.00.



Short Handle Spade No.149.

SHORT HANDLE SPADE No. 149—Square point, polished; 12 inch blade length, 7½ inch width; handle best white ash 27 inches long.
Price, $1.50.
Same design with long handle. Price, $2.00.

LONG HANDLE SPADE No. 148—Polished black finish; handle 4½ feet long, hardwood finish. Price, $1.50.

Post Hole Digger No. 151.

POST HOLE DIGGER No. 151—Hardwood handles, round taps, square shoulders, fitted into one solid socket and bolted; one-piece solid steel blades of first quality; blades 9 inches long. Digs 6 inch hole; length over all 57 inches; point of blades polished. Price, $2.00.

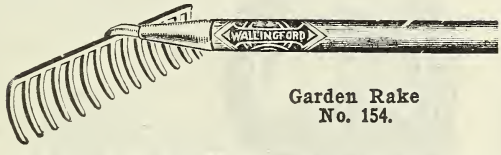
ORCHARD, LAWN AND GARDEN TOOLS—Continued.

Garden Rake No. 152.

GARDEN RAKE No. 152—The very best quality steel. The teeth are made of polished steel in pairs, solidly riveted. It is the strongest and most durable rake on the market. Straight grained white ash handle. Price, $1.25.

Garden Rake No. 153.

GARDEN RAKE No. 153—Made entirely from best grade of steel, width 5/8 inch head, teeth and head cut from one solid piece of steel, round steel bow, securely fastened into handle which is good quality white ash. Price, $1.25.

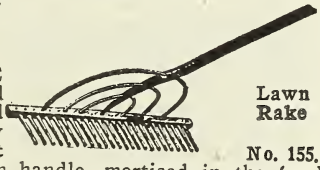


Garden Rake No. 154.

GARDEN RAKE No. 154—Malleable iron, straight teeth, natural plain ferrule, straight grain ash handle. Price, 60c.

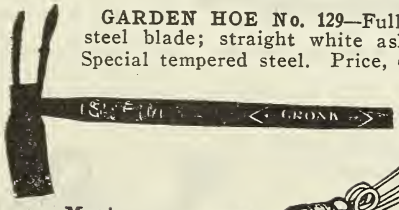
Lawn Rake No. 156.

LAWN RAKE No. 156—Steel wire teeth rakes have always been particularly suitable for raking lawns. They stir the soil around roots of grass without digging up or disturbing young seedlings of the lawn. Price, 75c.



Lawn Rake No. 155.

LAWN RAKE No. 155—Hardwood head, second growth hickory teeth, straight grained white ash handle, mortised in the head and supported by wire braces. This durable rake is excellent for lawns in that it does not destroy or disturb the roots of young grass in raking off leaves or vegetable matter. Price, 65c.



Garden Hoe No. 129.

GARDEN HOE No. 129—Full polished steel blade; straight white ash handle. Special tempered steel. Price, 65c.

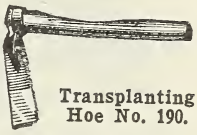
Magic Weeder No. 51.

MAGIC WEEDER No. 51—Teeth are of spring construction, thus eliminating all jar while using. It is strong in construction, light of weight, and most useful in every respect.
Postpaid—40c. Express—35c.

OAK LEAF WEEDER No. 53—Tines and shank forged from one piece of crucible steel. Three prongs 6 inches long; 3½ in. spread; dished hardwood handle. Excellent low priced weeder.
Postpaid—40c. Express—35c.

Oak Leaf Weeder No. 53.

TRANSPLANTING HOE No. 190—For transplanting long stem tomatoes and other plants. Postpaid—$1.50.

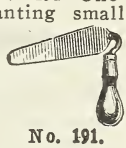


Transplanting Hoe No. 190.

TRANSPLANTING TROWEL No. 191—One-piece high-grade steel; for transplanting small plants. Postpaid—35c.

GARDEN DIBBLE No. 192—Indispensable for setting out all sorts of plants. Postpaid—75c.

Garden Dibble.



No. 191. Trowel

MAGIC WEEDER HOE No. 57—A most excellent and popular tool. The four tines are made of the heaviest steel wire; the steel blade is securely fastened and convenient for pulverizing tough soil around roots of plants or for cutting roots. The handle is 4 feet long. Express—$1.25.

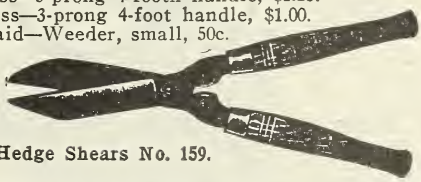
Magic Weeder Hoe No. 57.

MAGIC WEEDER No. 52—Four bright heavy steel wires are securely mounted in black ebonized handle; 1½ inch bright steel blade fastened securely on back for cutting large weeds, etc. Length handle 6 inches. It is famous the world over for its usefulness.
Postpaid, 55c. Express, 50c.

Magic Weeder No. 52.

Norcross Cultivator Hoe and Weeder.

NORCROSS CULTIVATOR HOE AND WEEDER—Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled. The sharp steel prongs are detachable, finely finished, and of great durability. Three sizes and prices.
Express—5-prong 4-footh handle, $1.25.
Express—3-prong 4-foot handle, $1.00.
Postpaid—Weeder, small, 50c.



Hedge Shears No. 159.

HEDGE SHEARS No. 159—Polished cast steel; straight notched blades and offset shank; heavy steel pivot bolt; red hardwood handles; shanks firmly secured; blade 9 inches long. It turns the hedge easily and smoothly.
Postpaid—$2.75. Express—$2.50.

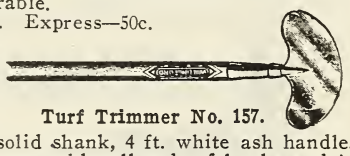
ORCHARD, LAWN AND GARDEN TOOLS—Continued.

GRASS SHEARS No. 158—Straight blades, shanks and spring, stamped and forged from one piece of steel; shanks and cutting edges are polished. Indispensable for cutting tall growing grasses which mowers leave.
Postpaid—$1.00. Express—90c.

PINE KNOT TROWEL No. 54—Made of very best heavy steel and mounted on well finished hardwood handle. The blade is nicely enameled.
Postpaid—55c. Express—50c.

All Steel Trowel No. 55.

ALL STEEL TROWEL No. 55—Blade and handle made of one-piece steel, polished; round and sharpened point; large perforated hollow handle; exceptionally strong and durable.
Postpaid—55c. Express—50c.



Turf Trimmer No. 157.

TURF TRIMMER No. 157—Polished steel blade of excellent quality, bronze finish, solid shank, 4 ft. white ash handle. This tool trims smoothly all sods of banks and is a great labor saver. Price, $1.35.

Grass Hook No. 160.

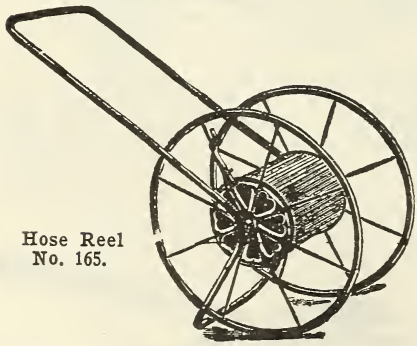
GRASS HOOK No. 160—Crucible steel blade; back natural finish; green shank extending through handle well riveted; plain hardwood handle. May also be used as a corn knife or hedge clipper.
Postpaid—80c. Express—75c.

Grass Hook No. 162.

GRASS HOOK No. 161—Extra quality crucible steel blade polished both sides, troweled shank; black enameled corrugated handle; brass rivets. A high-grade tool. Postpaid—90c. Express—85c.

Grass Hook No. 161.

GRASS HOOK No. 162—Steel blade, natural finish with polished cutting edge; plain shank driven firmly into handle of black enameled wood with steel ferrule.
Postpaid—55c. Express—50c.



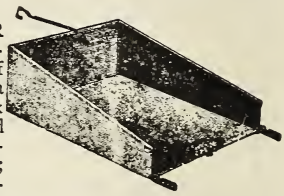
Hose Reel No. 165.

HOSE REEL No. 165—The very best hose reel on the market for lawn or garden. It is a tubular all metal reel. Simple in construction, easily manipulated and exceptionally durable. The corrugated iron drum is 9 inches in diameter; the wheels are 21½ inches in diameter; capacity 100 feet of hose. Do not wear the hose out dragging around on the ground. The reel keeps it clean and makes the best of care simple. Price, $5.00.

Hose Couplings No. 167.

Garden or Lawn Hose No. 169.

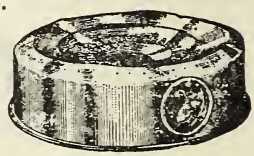
GARDEN or LAWN HOSE No. 169—Best offer of best quality hose; high-grade cotton duck; black cover; withstands high pressure. It is an excellent hose for all general uses.
Price per foot, 20c, by express.
Hose Couplings No. 167—Postpaid, 35c each.



GRASS CATCHER No. 173—A metal bottom catcher made of finest quality, extra heavy white duck with heavy galvanized wire frame and adjustable steel hooks; non-skid bottom prevents grass from slipping forward. Price, $1.25.

Lawn Sprinkler No. 163.

LAWN SPRINKLER No. 163—Made entirely of sheet brass which does not corrode; hollow ring with perforated top; light, strong and durable; throws a uniform and even spray over a surface of 30 to 40 feet.
Postpaid—$1.60.
Express—$1.50.



Lawn Sprinkler No. 164.

LAWN SPRINKLER No. 164—Brass sheet iron highly polished and lacquered. Top perforated for throwing continuous and even spray. A durable low-priced sprinkler.
Postpaid—90c. Express—85c.

Lawn Sprinkler No. 166.

LAWN SPRINKLER No. 166—Cast iron stem and hose; brass arms and head; arms polished, stem enameled red. It revolves so easily that even low pressure keeps the marvelous spray falling softly like gentle rain on lawn or garden.
Postpaid—$3.25.
Express—$3.00.

Boston Nozzle No. 168.

BOSTON NOZZLE No. 168—Polished cast brass; through solid stream; sprayer can be shut off entirely. Will fit couplings of both ½- and ¾-inch hose. Postpaid—$1.10. Express—$1.00.

WATERING POTS
Galvanized

By Express.

10 Qt.	$1.75
8 Qt.	1.50
6 Qt.	1.25
4 Qt.	1.00

Japanned.

4 Qt.	70c

ORCHARD, LAWN AND GARDEN TOOLS—Continued.

LAWN MOWERS

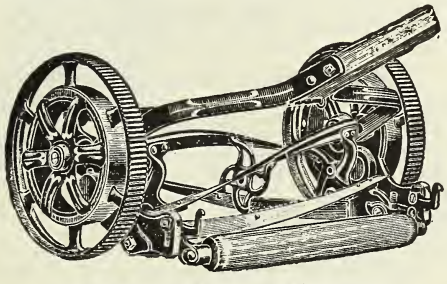
Pennsylvania Lawn Mowers are the result of over a third of a century of scientific study, combined with practical knowledge of many and varied conditions under which they may be used. It is known everywhere as the lawn mower of quality. Let this quality solve the ever perplexing troubles of a smooth running and even cutting machine.

GREAT AMERICAN BALL BEARING

Blades—Five crucible tool steel, oil hardened and water tempered. Gears—Double; one in each drive wheel; cone and cups, hardened tool steel; extra large balls of highest quality. Wheels—10 inches; solid center, protecting gears; six spokes. Parts—Malleable and cast, accurately machined to insure noiseless service. Bottom Knife—self-sharpening; raised edge; crucible tool steel, insuring long service. Height of Cut—½ to 1½ ins.; will cut grass 6 ins. high. Handle—Hard wood; iron braces on cross-bar.

The Great American Ball Bearing is the best all-around mower of its type in the world. The perfectly-fitting ball cups and cones insure an easy running machine.

15 inch...$20.00 17 nich...$25.00 19 inch...$30.00



The Great American—Ball-Bearing Pennsylvania Quality.

PENNSYLVANIA THE "STANDARD"

Blades—Four crucible tool steel, oil hardened and water tempered; extra wide. Gears—Train of triple, giving power and speed. Wheel Base—Extra long; cuts smoothly over uneven ground. Wheels—8 or 10½ inches; open spikes. Parts—Malleable and cast, accurately machined to insure noiseless service. Bottom Knife—Flat pattern, crucible tool steel, hardened and tempered. Height of Cut—⅝ to 1½ inches; will cut grass standing 6 inches high. Handle—Hard wood; iron braces on cross-bar.

The Standard Pennsylvania is the pioneer of all lawn mowers, having an open cylinder, open wheels and a train of gears.

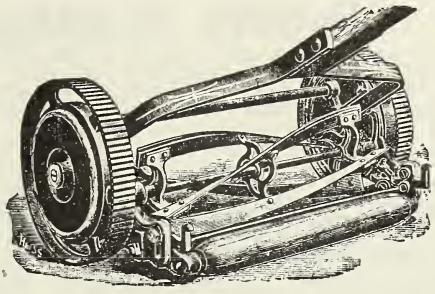
17 inch.....$30.00 19 inch.....$33.50

RED CLOUD BALL BEARING

Blades—Four crucible tool steel, hardened and tempered. Gears—Internal, one in each wheel. Bearings—Ball bearings identical with those used on Pennsylvania, Jr. Wheels—10 inch; closed center; 6 inch spokes to rim. Parts—Malleable and cast, accurately machined to insure noiseless service. Bottom Knife—Enos patent; spring steel; self-sharpening. Height of Cut—½ to 1½ inches; will cut grass 6 inches high. Handle—Hard wood.

This machine is made of the same materials and with the same careful attention to detail that has made the higher price machines the leaders in every country where grass grows. Its construction, while extremely simple, is very strong and durable, and the superior quality of the ball bearings insures an easy, light running mower.

14 inch.....$16.00 16 inch.....$17.00



ORCHID BALL BEARING

Blades—Four crucible tool steel, hardened and tempered. Gears—Internal, one in each wheel, covered by dust-proof cap. Bearings—Balls, cups and cones identical with those used on Pennsylvania Junior and our other high priced machines. Wheels—10 inch diameter; open center or spider pattern; reinforced rims. Parts—Malleable and cast; machined to fit, insuring noiseless smooth cutting. Bottom Knife—Spring steel, hardened and tempered; the cast bar holding the knife is fitted to side plates, permitting accurate set screw adjustment. Height of Cut—½ to 1½ inch; will cut grass 6 inches high. Handle—Hard wood.

Price—16 inch, $16.00 each.

PANAMA

Blades—Crucible tool steel, hardened and tempered. Gears—Internal, one in each wheel. Bearings—Parallel, adjustable to take up wear. Wheels—8-inch low wheel or 9-inch high wheel; spoked rim. Parts—Malleable and cast, accurately machined to insure noiseless service. Bottom Knife—Spring steel, hardened and tempered; Enos patent. Height of Cut—½ to 1½ inches; will cut grass 5 inches high. Handle—Hard wood.

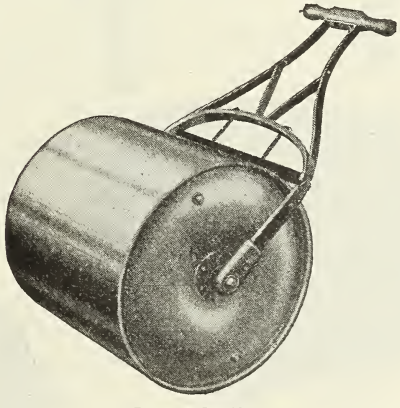
14 inch.....$14.00 16 inch.....$14.50

LAWN ROLLERS

Our water ballast rollers have high carbon steel axles and roller bearings. The electrically welded steel drum may be filled with water or sand to increase the weight. It is the most satisfactory roller on the market. It is durable and strong; can be made any weight up to capacity of individual roller, and is easy and convenient to handle.

No. 170—$18.50. Empty, 50 lbs. Filled, 150 lbs.
No. 171—$22.25. Empty, 85 lbs. Filled, 300 lbs.
No. 172—$25.75. Empty, 110 lbs. Filled, 500 lbs.

Filled with sand, weights are 227 lbs., 450 lbs. and 750 lbs.



Lawn Roller.

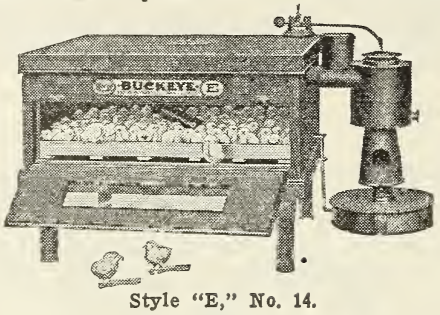
Buckeye Incubators, The Perfect Hatchers

We are exclusive agents in Western North Caroline for the famous Buckeye Incubators and Brooders. Years of experience in the poultry supply business have convinced us that these are the most efficient hatchers on the market. The Buckeye Incubators are sold under an ironclad guarantee to hatch a chick from every hatchable egg. This is the guarantee the makers give with every machine sold.

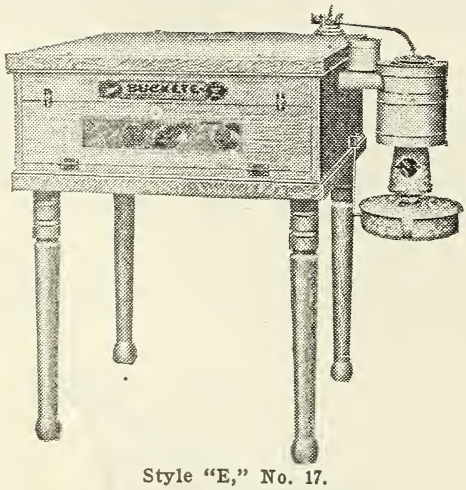
The unprecedented success which has followed the Buckeye for twenty-five years is primarily due to the invention of the Buckeye water system. Without this wonderful system of hot water heating, that perfect balance between the temperature, moisture and ventilation which is so necessary to successful incubation would be a physical impossibility.

Too much importance cannot be attached to keeping impure gases and fumes out of an incubator. The hot water of the Buckeye is heated on the outside, eliminating all damage to eggs from fumes and gases. It is this feature, together with the perfect temperature maintained by the Buckeye, that it is possible for it to hatch more chicks and better chicks than any other incubator.

Catalogue of Incubators, Brooders, and Spare Parts sent on request.



Style "E," No. 14.



Style "E," No. 17.

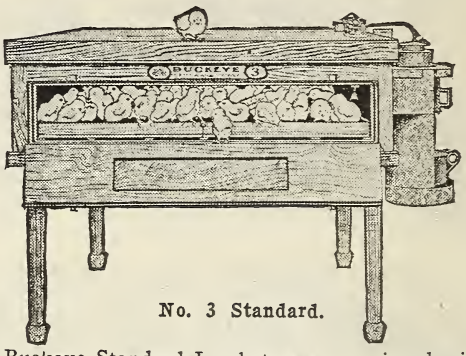
Prices of Style "E" Incubators.

No. 14— 65 Egg Capacity.....$16.50
No. 16—120 Egg Capacity..... 27.50
No. 17—210 Egg Capacity..... 36.75

Style "E" Incubators are low in price and at the same time giving universal satisfaction. Hundreds of poultrymen in Western North Carolina are ready to vouch for this superior low-price incubator.

Incubator Thermometers
Price—$1.25 postpaid.

Brooder Thermometers
Price—$1.25 postpaid.



No. 3 Standard.

Buckeye Standard Incubators are equipped with every desirable device that can possibly be added to an incubator. The big breeders say that there is nothing left undone—nothing to be wished for in the "Standard." It carries underwriter's guarantee.

Prices Buckeye Standard Incubators

No. 1.....$37.50 No. 3.....$57.75
No. 2..... 44.50 No. 4..... 68.00
No. 5.....$107.00

Buckeye Brooders

Coal Burner.
Grows Three Chicks Where One Grew Before.

Standard Colony Brooder

A Brooder that provides constant temperature, supply of pure, fresh air, plenty of exercise and no possible chance for crowding, every essential for the welfare of growing chicks—with such automatic regularity that all unfavorable conditions are eliminated. It requires little attention, is inexpensive to operate, and raises more chicks and stronger chicks than any other brooder.

No. 18— 500 Chicks.....$21.50
No. 19—1,000 Chicks 26.50

Buckeye Portable Brooders

Oil Burner. Broods Like Coal Burner.
Durable, Inexpensive, No Water, Pure Air.

This excellent Brooder is especially constructed for the small raiser. It is made of the very best quality metal, inexpensive to operate, and gives absolutely the most satisfactory results in every way. The operation is simple and effective, there being at all times an adequate supply of fresh air —the greatest virtue any brooder can have.

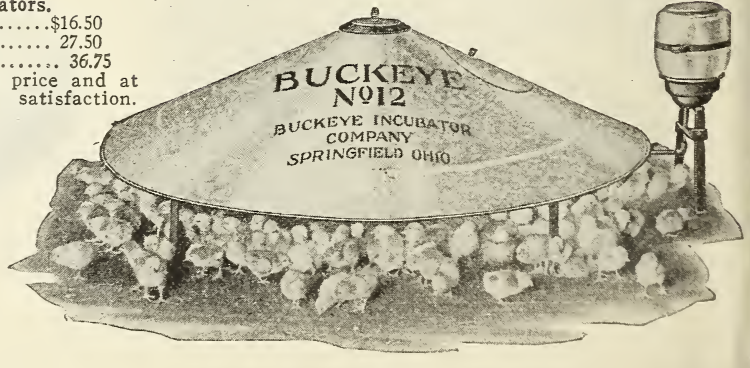
No. 20—Metal Brooder, 60 Chicks.....$11.75
No. 21—Metal Brooder, 100 Chicks..... 15.50
No. 22—Metal Brooder, 150 Chicks..... 19.00

THE NEW BLUE FLAME BROODER

Sold under 30 days money back guarantee. Burns oil and it is easy and convenient to operate. Gives at all times uniform heat. As there are no curtains on these brooders, there is always an abundant supply of pure air, which baby chicks need as much as heat. Write for catalogue.

Prices of the New Blue Flame Brooder

No. 10.....$17.50 No. 11.....$20.00
No. 12..... 22.50 No. 25..... 30.00



Poultry Supplies

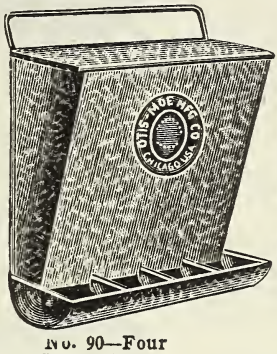
Standard Feeders, Watering Fountains, Shell Boxes, etc., are indispensable to all poultry raisers. These appliances not only pay for themselves by saving a large percentage of the feed, but at the same time keep the feed and water free from dirt. This sanitary feature alone brings large returns by keeping the flock in healthy condition.

MOE'S GRIT AND SHELL BOXES

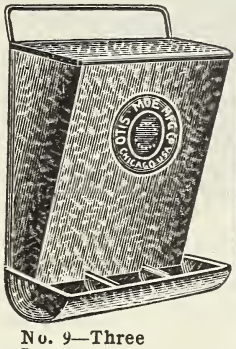
Grit, shell, and charcoal are recognized an essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in our grit and shell boxes.

Prices:

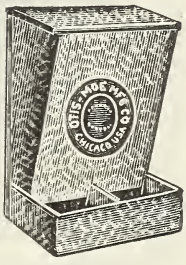
No. 90—$1.35. Postpaid, $1.50.
No. 9—$1.00. Postpaid, $1.15.
No. 45— .45. Postpaid, .55.



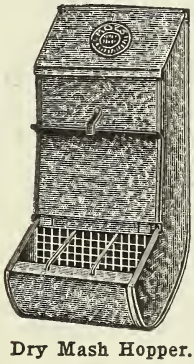
No. 90—Four Compartment.



No. 9—Three Compartment.



No. 45—Two Compartment.



Dry Mash Hopper.

DRY MASH HOPPERS

The curved bottom of the Hopper keeps the feed within easy reach of the birds. The gradual enlargement from top to bottom prevents clogging. The wire grid and wires running from the flange through the wire grid prevent any chance of the fowls throwing out or wasting feed. The sloping cover prevents the birds from roosting on the Hopper, and when both covers are closed, it is rat and mouse proof. A trial will convince you that this is a feeder of superior merit. Galvanized iron.

Prices: No. 35—8½ inches wide, $1.50. Postpaid, $1.80.
No. 36—12 inches wide, $2.00. Postpaid, $2.30.
No. 37—24 inches wide, $3.00. Postpaid, $3.30.

VEGETABLE RACK

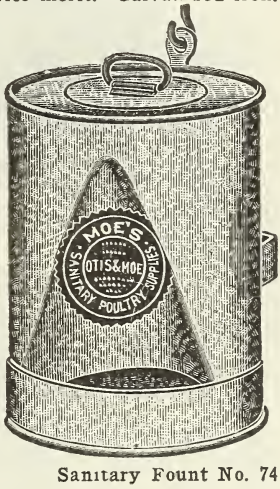
Manufactured from galvanized iron and wire. This small rack is invaluable for feeding roots, beets, cabbage, lettuce, sprouted oats, etc., to poultry or rabbits. It is a great saver of both time and money.
Price—75c. Postpaid, 85c.

STYLE A FOUNT

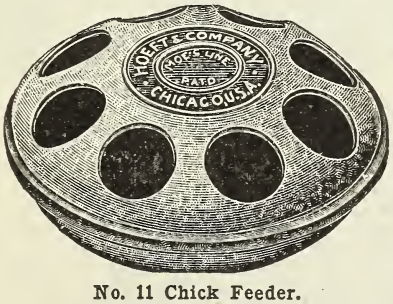
A convenient, galvanized iron fountain with a removable bottom. All parts can be easily cleaned, greatly adding to their sanitation and durability. It is easily filled. The capacity is one gallon.
Price—26A, 75c. Postpaid, 85c.

No. 74 SANITARY FOUNT

This style is made with permanent bottoms. A strong, substantial wall fount at a low price. It is manufactured from galvanized iron. The capacity is five gallons.
Price—$2.00. Postpaid—$2.30.



Sanitary Fount No. 74



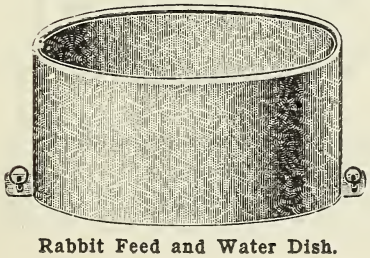
No. 11 Chick Feeder.

CHICK FEEDER

Pure food for the baby chicks. A great feed saver, as the little chicks cannot get into it and contaminate the feed. Cannot be upset. Can also be used for water and milk. It is practical, and made from first-quality galvanized iron.
No. 11—6 in. diameter, 20c. Postpaid, 25c.
No. 12—8¼ in. diameter, 40c. Postpaid, 45c.

MOE'S RABBIT FEED AND WATER DISH

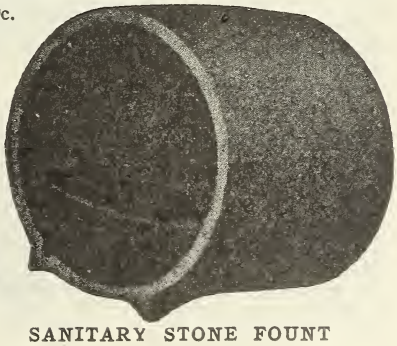
Made of galvanized iron, rolled in to prevent washing. Impossible for stock to turn over.
Price—25c. Postpaid, 30c.



Rabbit Feed and Water Dish.

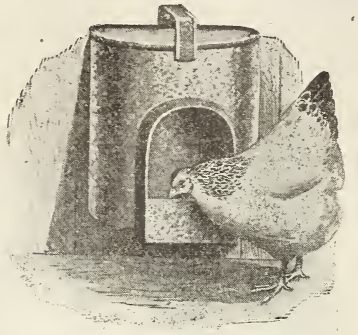
SANITARY STONE FOUNT

These fountains are made of fine quality stoneware. They are sanitary, easily cleaned, and convenient to handle.
Prices of Sanitary Stone Fount:
No. 21—1 gal. size, 85c. Postpaid, $1.00.
No. 22—1½ gal. size, $1.00. Postpaid, $1.15.
No. 23—2 gal. size, $1 25. Postpaid, $1.45.



SANITARY STONE FOUNT

POULTRY SUPPLIES—Continued.



MOE'S IMPROVED WALL FOUNTAINS

Made of heavy galvanized iron, in three sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

No. 97—2 Quarts Postpaid, 60c. Express, 50c.
No. 98—1 Gallon Postpaid, 90c. Express, 75c.
No. 99—2 Gallons Postpaid, $1.20. Express, $1.00.

McCANDLISH IMPROVED CHICK FEEDER

Equipped with adjustable partitions for various kinds of feed. Made of galvanized iron. No rough edges cannot capsize. Revolving rod prevents chicks from perching up it, making the feeder absolutely sanitary. Can be used for a drinking receptacle.

12 inches long—50c postpaid.
20 inches long—75c postpaid.
30 inches long—$1.00 postpaid.

POULTRY MARKERS

A reliable poultry punch for marking chicks in the web between the toes.

Postpaid—25c each.

PORCELAIN or CHINA NEST EGGS

Made of a good quality glass, difficult to break, and will last a life time.

Price—Doz. 30c. Postpaid, 35c.

OVINAPTHAL NEST EGGS

A medicated egg which keeps nest and eggs free from lice, mites, etc.

Postpaid—10c each; $1.00 per dozen.

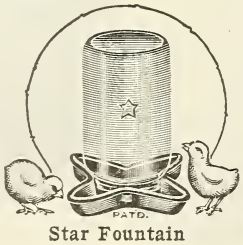
FUMIGATING CANDLES

They are easy to light, easy to extinguish, and safe to use. The vapor is deadly to all infectious insect life.

Price—15c each; $1.50 dozen.

STAR FOUNTAIN

Made to fit any Mason jar. (We do not furnish the glass jars.) Made of a single piece of non-rusting metal. Can be used for feed as well as water. Price, 15c each. Postpaid, 20c



Star Fountain

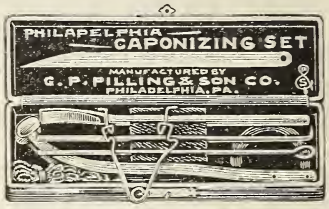
GALVANIZED ECONOMY FOUNTS

This is a small fount for baby chicks. As the bottom is removable, it is easily kept clean and sanitary.

Postpaid, 30c each.

CAPONIZING TOOLS

Write for booklet that will give information as how your market stock may be made to yield 100% more. It is done with Philadelphia caponizing tools. Price, $2.50 per set.



LEADER ADJUSTABLE LEG BANDS

Made of bright nickel-colored metal that will not corrode or rust. It requires no seal and is adjustable to the leg of any fowl. Numbers in large raised letters.

12 bands.....15c 50 bands.....45c
25 bands.....25c 100 bands.....90c

ADJUSTABLE PIGEON BANDS

12 bands.....15c 50 bands.....45c
25 bands.....25c 100 bands.....90c

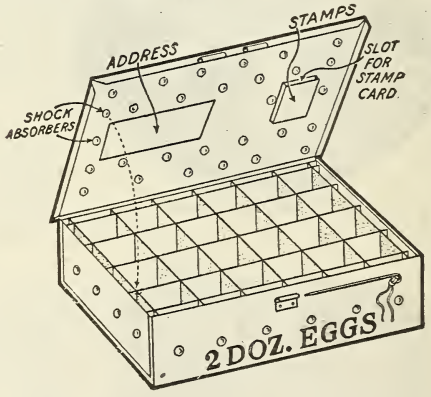
CELLULOID BANDS

In all colors for poultry, baby chicks, pigeons. Doz. 20c; 25 for 45c; 100 for $1.25.

METAL EGG CRATES

Metal Egg Crates are made to hold two, three, four, and six dozen eggs each; also combination crates to hold eggs and butter of different quantities. They solve the problem of shipping eggs and butter by parcel post, being strongly constructed of light durable metal. It pays for itself in a few shipments by eliminating breakage loss; many of them are used by farmers who deliver their products in wagons and other vehicles.

Dozen and a half size—all eggs.....$ .85
Two dozen size—all eggs..... 1.00
Three dozen size—all eggs..... 1.25
Four dozen size—all eggs..... 1.50
Six dozen size—all eggs..... 1.75

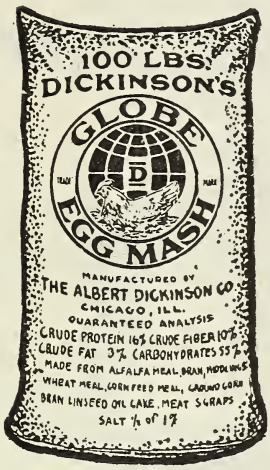


COMBINATION CRATES WITH EGGS

No. 1—2 lbs. butter, 2 doz. eggs.....$1.75
No. 2—3½ lbs. butter, 1 doz. eggs..... 1.50
No. 3—3½ lbs. butter, 2 doz. eggs..... 1.65
No. 4—3½ lbs. butter, 3 doz. eggs..... 1.85

For Postpaid price, add 10c to above.

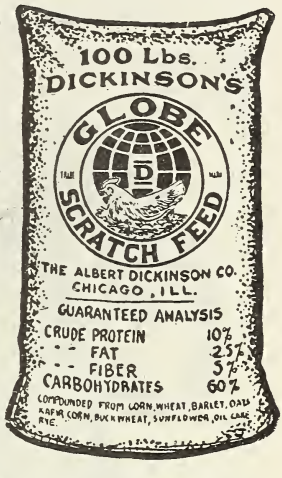
Poultry and Stock Feeds



The popularity of our poultry feeds in Western North Carolina has encouraged us to add a complete line of first quality dairy, horse, and stock feeds. Our feeds are carefully formulated and mixed from the choicest ingredients used for feeding stock. They have stood the most painstaking tests and have produced enviable results for their many users.

The prices of all grain feeds fluctuate constantly, hence it is not possible to list prices in this catalogue. Prices and samples will be submitted on application.

GLOBE SCRATCH FEED—An evenly balanced ration mixed from sound, clean, and bright grains. Feed with Globe Egg Mash for maximum production at the minimum cost.
Write for price.



GLOBE EGG MASH — Formulated from meat scraps, linseed oil meal, bran, corn meal, middlings, and alfalfa meal. It contains the essential digestible protein so neecssary for egg production.
Write for price.

GLOBE CHICK FEED—This balanced and finely crushed grain should be fed to baby chicks along with butter milk feeds to obtain the best results. The chick will grow better and mature earlier, since the combination of the grain and buttermilk feeds build tissue, bone and body.
Write for price.

GLOBE PIGEON FEED—Best for every breed. Made from wheat, buckwheat, kafir corn, peas, millet and hemp.
Write for prices.

CRUSHED OYSTER SHELL—Should be kept available for fowls at all times; forms egg shells and keeps stock healthy.
Price—Of coarse or fine—Per lb. 3c; per 100 lbs. $2.00.

LIME GRIT—A necessity for both young and old stock. Don't expect your birds to grind their food with oyster shells.
Price—Of coarse or fine—Per lb. 3c; per 100 lbs. $2.00.

CHARCOAL—Aids digestion; purifies the blood and generally promotes the good health and vigor of your birds.
Price—Of coarse or fine—Per lb. 10c; per 50 lb. bag, $3.00.

RIVAL HOG FEED — A well balanced ration worked out by scientists through exhaustive experiments and chemical analysis. It positively supplies the food element for hogs in all growing stages.
Write for price.

GREEN CUT ALFALFA MEAL—A green food mixed in poultry mash feeds and stock feeds.
Write for price.

GROUND OATS—For poultry and stock.
Write for price.

PURE WHEAT BRAN—We carry only the best grade. Write for price.

SHORTS—Red Dog, Gray and Brown Shorts, largely used for both poultry and stock.
Ask for our prices.

BLATCHFORD'S CALF MEAL — The oldest, best known, and most widely used calf meal in America. Write for price and information as to the virtues of this money saver.

MILK BONE DOG BISCUITS—MILK BONE PUPPY BISCUITS—Pure food for dogs, a complete scientifically balanced food.
Postpaid—30c and 60c.

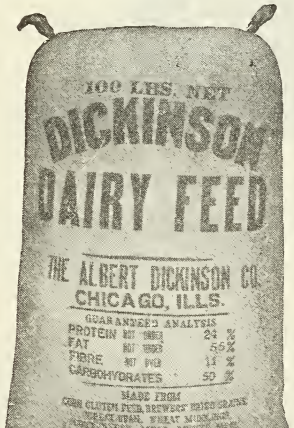
BLACKMAN'S MEDICATED SALT BRICK—The best Salk Brick on the market. A worm medicine, blood purifier, kidney regulator. Tonic and appetizer for all classes of live stock. Write for price of case lots. Postpaid—25c. Express—$2.25 per dozen; $5.75 per case.

GLOBE GROWING MASH—Made especially for little chicks to be fed in the growing stage.
Write for prices.

GLOBE DEVELOPING GRAIN—To be fed in connection with Growing Mash. Made of bright, clean grain which can be fed to growing chicks with practically no waste.

BEEF SCRAPS — Is high in protein and an essential egg producer and muscle builder.
Write for price.

OASIS HORSE FEED—This feed is performing every function from nursing the weakling colt to supplying hard strains of racing, hunting and heavy work horses; contains the elements that build up muscle and tissue in large, consistent proportions. Composed of alfalfa, molasses, and heavy grain mixture. Price fluctuates.
Write for prices.



DICKINSON'S DAIRY FEED (24 per cent Protein)—Is made from corn gluten feed, dried grains, bran, middlings, cottonseed meal, linseed oil meal, hominy feed, and salt. This is an excellent balanced dairy ration. Test it to obtain more and better milk.
Write for price.

DIGESTER TANKAGE—(60 per cent Protein)—This excellent feed satisfies the ravenous appetite of the hog. Tankage is mixed with other feeds. Experts everywhere recommend this feed as a great muscle and meat maker. It will realize more profit from your hogs. Write for price.

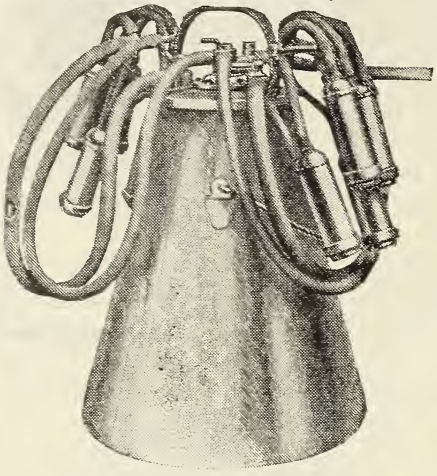
RABBIT FEED—A mixture of alfalfa, grain, and molasses, which supplies all necessary food for rabbits.
Write for price.

DON SUNG—Tablets for making hens lay; a tonic and conditioner; 50c and $1.00.

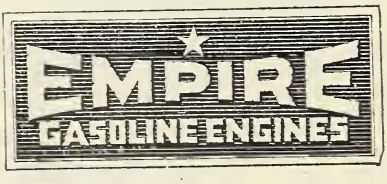
POULTRY TABLETS—For White Diarrhea in Chicks, $1.00. Box for each hundred chicks for 60 days.

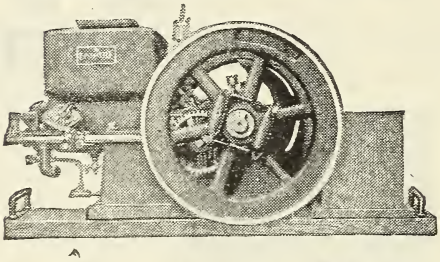
EMPIRE MILKING MACHINE

The most satisfactory machine on the market. This machine will pay for itself in six months in the amount of labor it saves. Write for catalogue or call and let us demonstrate.



An Empire Double-Unit Milker





EMPIRE GASOLINE ENGINE

The most dependable engine on the market, as it has very few moving parts. Famous for its refusal to get out of order. Call and let us explain it to you or write for catalogue.

IMPORTED RAFFIA

Now that imports are arriving more freely, we are able to supply a beautiful grade of both Natural and Colored Raffia. Raffia is used chiefly for basket-making, many finding this work not only pleasant, but profitable. Raffia is also used for tieing packings, vegetables, etc.

Natural Raffia, postpaid, oz., 10c; ¼ lb. 20c; lb. 60c.

Colored Raffia (green, brown, red, blue or purple, postpaid, oz., 15c; ¼ lb. 45c; lb. $1.50.

Manufactured Nu-Reed, any size, postpaid, oz., 10c; ¼ lb., 25c; lb., 80c.

Raffia Needles, 35c pkt.

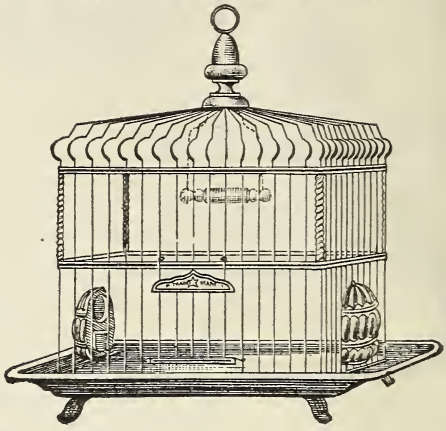
VALDURA PAINT

The finest waterproofing paint for roofs and for preserving wood and machinery.

Write for prices in any quantity.

BIRDS AND BIRD SUPPLIES

Our line of birds and bird supplies includes Canaries, Paroquets, Parrots, etc., and all necessary articles for their comfort and care.



We guarantee our males to sing. All birds are shipped via express and at the purchaser's risk.

Male Canaries (singers)	$8.00 to $12.00
Female Canaries	$3.00 to $5.00
Paraquets, per pair	$12.00
Parrots	$30.00

	Postpaid
Philadelphia Bird Seed, pkt.	27c
Mixed Bird Seed (bulk), lb.	27c
Bird Manna, pkt.	17c
Song Restorer, pkt.	22c
Bird Tonic, pkt.	33c
Cuttle Fish Bone, 2 for	07c
Silver Bird Gravel, pkt.	20c
Red Bird Gravel, pkt.	20c
Bird Mite Powder, pkt.	27c
Bird Cages, all styles, from	$1.75 to $30.00

Write for size and prices.

GOLD FISH AND SUPPLIES

We carry a large stock of common and fancy gold fish for delivery from September to April each year. The prices of these fish range from 10 cents to 60 cents each. We also have for delivery, postage paid, at all times, the following:

Fish Bowls from	25c to $3.50
Aquariums	$3.00 to $10.00
Fish Food (wafer), pkt.	12c
Castles	15c to $1.00

FLOWER POTS AND SAUCERS

We carry a complete line of standard pots and saucers, azalea pots, bulb dishes, fern dishes, hanging pots, jardinieres, etc.

Write for prices.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ORDER SHEET FOR SEEDS, ETC.

—FOR—

ASHEVILLE SEED CO.

ASHEVILLE, N. C.

Date.....19....

Please Do Not Write Here

Date Received.....

Date Filled.....

Filled by.....

Shipped By.....

Order No.....

PLEASE FILL IN THESE BLANKS PLAINLY

Dear Sirs:—

Please send the following Seeds, etc., by.....
(State here if wanted by Mail, Express or Freight)

Name.....P. O. Box.....

Post Office.....R. F. D.....

County..... State.....

Express or Freight Office.....
(If different from Post Office)

Amount Enclosed

Check.....

P. O. Money Order.....

Exp. Money Order.....

Cash.....

Stamps.....

ABOUT PRICES:—We pay postage on PACKETS, OUNCES, AND QUARTER POUNDS; all prices in this Catalogue, excepting where otherwise noted, are based on customers paying Express or Freight.

QUANTITY	ARTICLES WANTED	PRICE	
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	Amount Carried Forward		

PLEASE TEAR OUT ORDER SHEET WHERE PERFORATED

EXTRA ORDER SHEETS AND RETURN ENVELOPES FURNISHED ON REQUEST

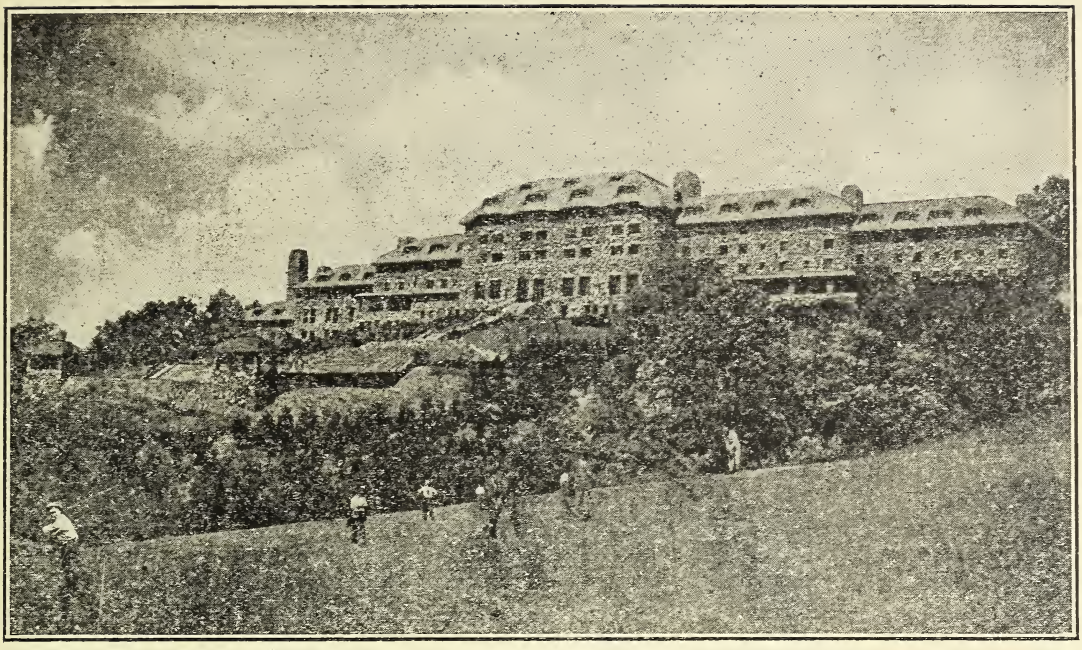
QUANTITY	ARTICLES WANTED	PRICE	
	Amount Brought Foward		

By carefully checking this list before sending your order, a great saving may be made in transportation cost, and you may also find that an important and an immediate necessity has been omitted.

Garden Seed	**Lawn Seed**	**Insecticides**	**Sprayers**
Flower Seed	**Bulbs**	**Fungicides**	**Garden Tools**
Field Seed	**Fertilizers**	**Dusting Materials**	**Lawn Tools**
Poultry Supplies	**Incubators**	**Feeds, Etc.**	

Kindly list below the names of any friends whom you think interested in receiving our catalogue.

NAME	POST OFFICE	STATE	R. F. D.	P. O. BOX



Choice Lawn Grass Seed Mixtures

The ideal soil for a lawn is not available except in a very few instances; however, by using the proper means of fertilization, seed adapted to the peculiar conditions and correct preparation of the soil, a very beautiful green turf can be established even in soils where building operations have destroyed the fertility.

THE PREPARATION OF THE SEED BED—All weeds, roots, and other debris should be removed and the soil stirred thoroughly to the depth of eight or ten inches. Of course large areas can only be plowed and disked; however, small lawns should be spaded and pulverized like garden soil prepared for the reception of small seed.

FERTILIZATION—Grass seed send out long feeding roots, which absorb a large quantity of plant food in making heavy green turf. It is necessary to mix fertilizer to the depth of eight or ten inches to supply this plant food. The class of fertilizer used will have a direct bearing on the finished lawn. To avoid numerous noxious weeds that always come by the use of fresh manure, we advise fertilizing your lawn with Pulverized Sheep Manure, a natural fertilizer, free from all weed seed. Ground Bone Meal is also valuable as an enricher of lawns and a top dressing. Bone Meal or Sheep Manure or a mixture, half of each, should be applied at the rate of 25 lbs. for 2,500 square feet, or 800 to 1,000 lbs. for an acre. As a top dressing 400 to 500 lbs. for an acre or 5 lbs. to 300 square feet.

SOWING THE SEED—For spring sowing, Lawn Grass Seed should be sown as early as possible, from February to May, or if in the fall, from September to the last of November. Thick seeding gives the best results. It should be sown at the rate of one pound to 300 square feet or 75 to 90 pounds to an acre. The seed should be carefully and evenly sown, lightly raked in, and afterwards, provided the soil is not too wet, rolled or made firm by patting down with the back of a spade. This packing brings the seed in close contact with the soil and prevents drying out; it also gives a quicker and a more even germination.

Grove Park Evergreen Lawn Grass

In the South we often have trouble in getting good lawns, because it has been found that no one grass will give satisfactory results at all seasons and on all soils. By careful experiment, we have succeeded in getting a combination of grasses that will produce an evergreen lawn. Each variety of grass in the Grove Park Evergreen Lawn serves a special purpose, some being selected for their color values, others for their growing habits, and still others for their hardiness; all of these varieties blended together produce the coveted thick turf and velvet appearance.

Price—Postpaid: Lb. 65c; 10 lbs. $6.00.
Express: Lb. 60c; 10 lbs. $5.50; 50 lbs. $25.

Shady Park Lawn Grass

Few grasses grow well in shaded portions of lawns or groves, hence it is necessary to sow a mixture of grasses which are adapted for growing in the shade. Our Shady Park Mixture produces an abundant and even growth of beautiful grass in the shade.

Price—Postpaid: Lb. 70c; 10 lbs. $6.50.
Express: Lb. 65c; 10 lbs. $6.00; 100 lbs. $55.

STECHER CO. ROCHESTER, N.Y.